

Production of the Technical Documents of
APR1400 Verification Tests and Technical Support
for the Acquisition of US-NRC DC

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Data Base of Fluidic Device

Performance Verification Experiment

Proprietary

May 2012

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1. Introduction

The main objective of this document is to present the test data of "Fluidic Device Performance Verification Experiment", which were carried out from February, 2004 to April, 2005 using VAPER test facility. This document also describes the test facility and test conditions.

2. Test Facility

VAPER consists of the SIT, the FD, a compressed air supply system, a SIT water discharge pipe line, a SIT water supply & recirculation system, a stock tank and a data acquisition and control system as shown in Figure 2-1.

2.1 Safety Injection Tank

The SIT of the VAPER facility has an inner diameter of []^{TS}, a height of []^{TS}, and a volume of []^{TS}, which is the same geometrical shape and size as the SIT of APR1400. The design pressure and temperature of the SIT are 5.0 MPa(a) (725 psia) and 90 °C (194 °F), respectively.

2.2 Fluidic Device

The fluidic device of the VAPER facility has almost the same geometrical shape and size as the fluidic device of APR1400. The major dimensions of the fluidic device are summarized in Table 2-1.

2.3 Subsidiary Components

The SIT is pressurized by compressed air instead of nitrogen gas. The maximum allowable pressure of the air-compressor is 5.0 MPa(a) (725 psia). The SIT pressurized by air will give similar fluidic device pressure loss coefficient as that pressurized by nitrogen, since the diffusion coefficients, kinematic viscosities and specific heat ratios of air and nitrogen are similar although the air has slightly higher solubility than nitrogen.

Unborated demineralized water is supplied to the SIT as SI water. The SI water in the stock tank can be also supplied to the SIT by the recirculation pump.

The discharge pipe line at the downstream of the SIT has an inner diameter of 0.289 m (11.38 in). A quick opening valve is installed in order to isolate the SIT while the SIT is being pressurized and to initiate the injection of SI water. An orifice is installed to adjust the total pressure loss coefficient of the discharge pipe line.

The stock tank has a volume of 97 m³ (3,426 ft³), and the pressure of the tank is kept to be an atmospheric pressure condition during the experiments.

2.4 Measurement System

The initial water level and level change in the SIT are measured by a differential pressure transmitter. The pressure of the SIT and the temperature of the compressed air in the SIT are measured by a pressure transmitter and a thermocouple at the top of the SIT, respectively. The pressure drop across the fluidic device is measured by a differential pressure transmitter. The level change in the stand pipe is measured by a differential pressure transmitter.

Pressure and differential pressure transmitters are model 3051C smart transmitters of Rosemount Inc., which are calibrated on site by a model 515 pressure controller/calibrator of Drug Ltd. An end-to-end calibration from the pressure transmitter to the data acquisition unit is carried out to minimize measurement errors related to the signal converters, isolators, and analog-to-digital converter as well as the measurement errors of the pressure and the differential pressure transmitters. The pressure controller/calibrator is calibrated at the Korea Research Institute of Standards and Science, at less than $\pm 0.01\%$ of the span at a 95% confidence level. The thermocouple is manufactured by Watlow Co., and has a sheath diameter of 0.25 mm (0.01 in). The analog-to-digital converter of the data acquisition unit has the 16 bit resolution for -10 to +10 Volt range.

Table 2-1 Main Dimensions of the VAPER Fluidic Device

Outer Diameter of Fluidic Device				
Height of Fluidic Device				
Diameter of Vortex Chamber				
Height of Vortex Chamber				
Width of Supply Nozzle				
Width of Control Nozzle				
Angle between Neighboring Supply Nozzle and Control Nozzle				
Diameter of Exit Nozzle Throat				
Height of Stand Pipe				
Inner Diameter of Stand Pipe				

TS

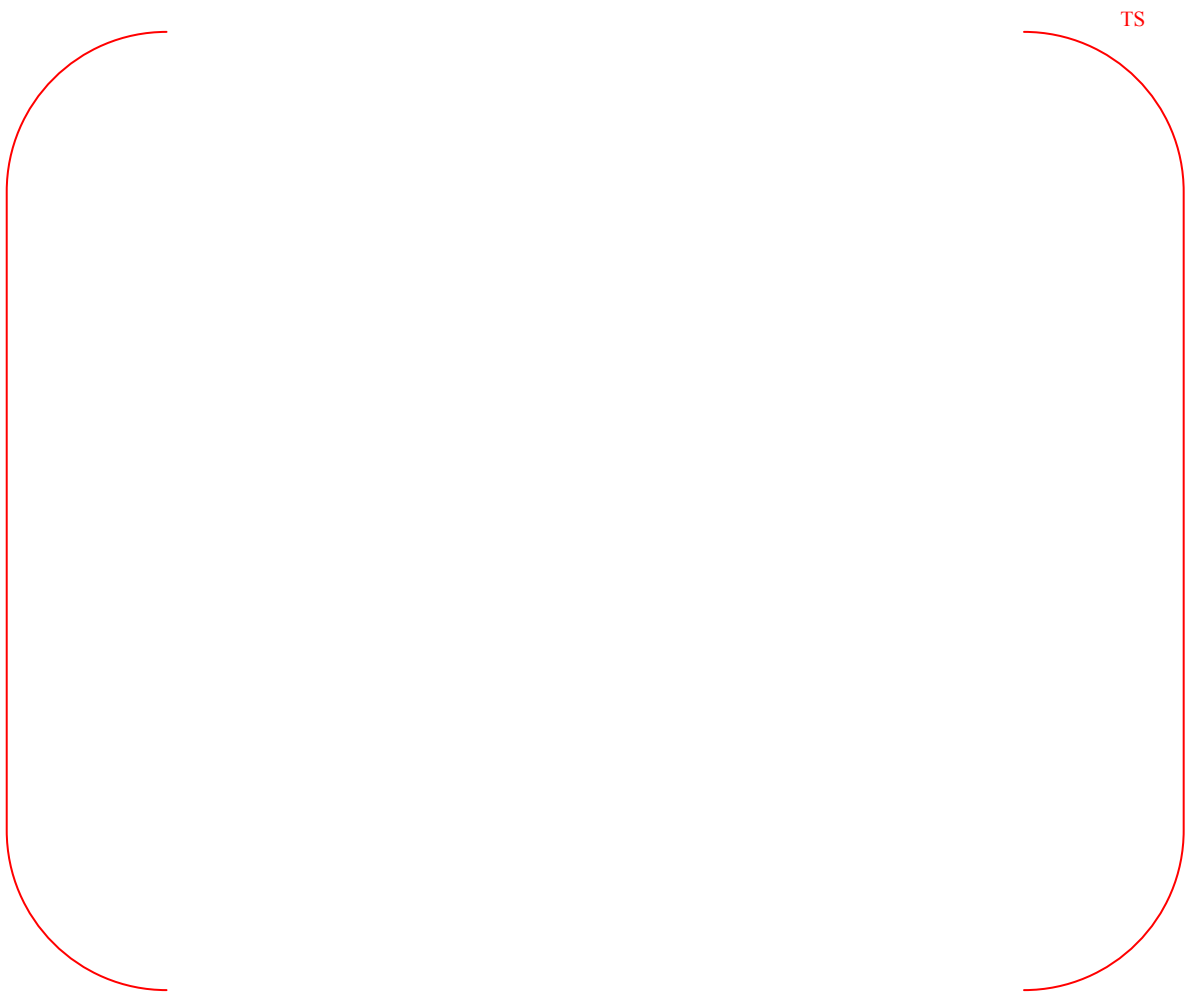


Figure 2-1 Schematic of the VAPER Facility

3. Test Conditions

Four cases of tests were carried out to verify the performance of the VAPER SIT, the SIT installed in the VAPER facility. The reference test conditions are shown in Table 3-1 for each test case. Case-01 and Case-02 correspond to the standard fluidic device tests. That is, the fluidic device in Case-01 and Case-02 has almost the same geometrical dimensions as the fluidic device of APR1400. But Case-02 has []^{TS} higher stand pipe than Case-01 in order to examine the effect of stand pipe height on the fluidic device performance.

Case-03 and Case-04 are the sensitivity tests to evaluate the effect of the manufacturing tolerances. In Case-03, the height of the vortex chamber was reduced from []^{TS} to []^{TS}. In Case-04, the height of the vortex chamber was reduced from []^{TS} to []^{TS} and the width of the control nozzle was increased from []^{TS} to []^{TS}. These manufacturing tolerances are the expected maximum values for the APR1400 fluidic device.

3.1 Case-01 Tests

Three identical tests were performed at the reference test condition in order to check the repeatability of the test results. One additional test was performed at about half of the reference pressure in order to evaluate the reliability of the pressure drop characteristics of the fluidic device. The test conditions of Case-01 tests are summarized in Table 3-2.

3.2 Case-02, Case-03 and Case-04 Tests

In order to check the repeatability of the test results, three identical tests were performed at the reference test conditions for Case-02, Case-03 and Case-04 tests. The test conditions of Case-02, Case-03 and Case-04 are summarized in Tables 3-3, 3-4 and 3-5, respectively.

Table 3-1 Reference Test Conditions for the Fluidic Device Performance Verification Experiment

Initial SIT gas pressure		
Initial SIT water level		
SIT water volume above the top of stand pipe (volume for large flow)		
SIT water volume below the top of stand pipe (volume for small flow)		
Initial SIT water temperature		
Stock tank pressure		

Table 3-2 Test Conditions of Case-01 Tests

Test ID			
Case-01-01			
Case-01-02			
Case-01-03			
Case-01-04			

TS

Table 3-3 Test Conditions of Case-02 Tests

Test ID			
Case-02-01			
Case-02-02			
Case-02-03			

TS

Table 3-4 Test Conditions of Case-03 Tests

Test ID			
Case-03-01			
Case-03-02			
Case-03-03			

TS

Table 3-5 Test Conditions of Case-04 Tests

Test ID			
Case-04-01			
Case-04-02			
Case-04-03			

TS

4. Data Sets of the VAPER SIT Tests

4.1 List of Data Sets

The following thirteen data sets are presented:

1. Data of Case-01-01 test
2. Data of Case-01-02 test
3. Data of Case-01-03 test
4. Data of Case-01-04 test
5. Data of Case-02-01 test
6. Data of Case-02-02 test
7. Data of Case-02-03 test
8. Data of Case-03-01 test
9. Data of Case-03-02 test
10. Data of Case-03-03 test
11. Data of Case-04-01 test
12. Data of Case-04-02 test
13. Data of Case-04-03 test

4.2 Data Format

Each data set is sorted by column by column. The first row represents the engineering quantities or the name of measuring instruments. The measured and/or calculated values are given from the second row. Followings are the explanation for the names in the first row:

- Time : Elapsed time from the beginning of SI water injection (sec)
- W_SI : SI water injection flow rate (kg/sec)
- K_FD : Pressure loss coefficient of the fluidic device (-)
- PT-104 : Gage pressure at the top of the SIT (kPa)
- DP-101 : Pressure difference across the fluidic device (kPa)
- LT-101 : Water level in the SIT (m)
- TE-102 : Temperature of the water in the SIT measured by RTD (°C)
- TC-101 : Temperature of the air at the top of the SIT measured by thermocouple (°C)

4.3 Data Sets

4.3.1 Data of Case-01-01 Test

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)	TS
0								
0.128								
0.256								
0.384								
0.512								
0.64								
0.768								
0.896								
1.024								
1.152								
1.28								
1.408								
1.536								
1.664								
1.792								
1.92								
2.048								
2.176								
2.304								
2.432								
2.56								
2.688								
2.816								
2.944								
3.072								
3.2								
3.328								
3.456								
3.584								
3.712								
3.84								
3.968								
4.096								
4.224								
4.352								
4.48								
4.608								
4.736								
4.864								
4.992								
5.12								
5.248								
5.376								
5.504								
5.632								
5.76								
5.888								

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
6.016							
6.144							
6.272							
6.4							
6.528							
6.656							
6.784							
6.912							
7.04							
7.168							
7.296							
7.424							
7.552							
7.68							
7.808							
7.936							
8.064							
8.192							
8.32							
8.448							
8.576							
8.704							
8.832							
8.96							
9.088							
9.216							
9.344							
9.472							
9.6							
9.728							
9.856							
9.984							
10.112							
10.24							
10.368							
10.496							
10.624							
10.752							
10.88							
11.008							
11.136							
11.264							
11.392							
11.52							
11.648							
11.776							
11.904							
12.032							
12.16							
12.288							
12.416							
12.544							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
12.672							
12.8							
12.928							
13.056							
13.184							
13.312							
13.44							
13.568							
13.696							
13.824							
13.952							
14.08							
14.208							
14.336							
14.464							
14.592							
14.72							
14.848							
14.976							
15.104							
15.232							
15.36							
15.488							
15.616							
15.744							
15.872							
16							
16.128							
16.256							
16.384							
16.512							
16.64							
16.768							
16.896							
17.024							
17.152							
17.28							
17.408							
17.536							
17.664							
17.792							
17.92							
18.048							
18.176							
18.304							
18.432							
18.56							
18.688							
18.816							
18.944							
19.072							
19.2							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
19.328							
19.456							
19.584							
19.712							
19.84							
19.968							
20.096							
20.224							
20.352							
20.48							
20.608							
20.736							
20.864							
20.992							
21.12							
21.248							
21.376							
21.504							
21.632							
21.76							
21.888							
22.016							
22.144							
22.272							
22.4							
22.528							
22.656							
22.784							
22.912							
23.04							
23.168							
23.296							
23.424							
23.552							
23.68							
23.808							
23.936							
24.064							
24.192							
24.32							
24.448							
24.576							
24.704							
24.832							
24.96							
25.088							
25.216							
25.344							
25.472							
25.6							
25.728							
25.856							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
25.984							
26.112							
26.24							
26.368							
26.496							
26.624							
26.752							
26.88							
27.008							
27.136							
27.264							
27.392							
27.52							
27.648							
27.776							
27.904							
28.032							
28.16							
28.288							
28.416							
28.544							
28.672							
28.8							
28.928							
29.056							
29.184							
29.312							
29.44							
29.568							
29.696							
29.824							
29.952							
30.08							
30.208							
30.336							
30.464							
30.592							
30.72							
30.848							
30.976							
31.104							
31.232							
31.36							
31.488							
31.616							
31.744							
31.872							
32							
32.128							
32.256							
32.384							
32.512							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
32.64							
32.768							
32.896							
33.024							
33.152							
33.28							
33.408							
33.536							
33.664							
33.792							
33.92							
34.048							
34.176							
34.304							
34.432							
34.56							
34.688							
34.816							
34.944							
35.072							
35.2							
35.328							
35.456							
35.584							
35.712							
35.84							
35.968							
36.096							
36.224							
36.352							
36.48							
36.608							
36.736							
36.864							
36.992							
37.12							
37.248							
37.376							
37.504							
37.632							
37.76							
37.888							
38.016							
38.144							
38.272							
38.4							
38.528							
38.656							
38.784							
38.912							
39.04							
39.168							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
39.296							
39.424							
39.552							
39.68							
39.808							
39.936							
40.064							
40.192							
40.32							
40.448							
40.576							
40.704							
40.832							
40.96							
41.088							
41.216							
41.344							
41.472							
41.6							
41.728							
41.856							
41.984							
42.112							
42.24							
42.368							
42.496							
42.624							
42.752							
42.88							
43.008							
43.136							
43.264							
43.392							
43.52							
43.648							
43.776							
43.904							
44.032							
44.16							
44.288							
44.416							
44.544							
44.672							
44.8							
44.928							
45.056							
45.184							
45.312							
45.44							
45.568							
45.696							
45.824							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
45.952							
46.08							
46.208							
46.336							
46.464							
46.592							
46.72							
46.848							
46.976							
47.104							
47.232							
47.36							
47.488							
47.616							
47.744							
47.872							
48							
48.128							
48.256							
48.384							
48.512							
48.64							
48.768							
48.896							
49.024							
49.152							
49.28							
49.408							
49.536							
49.664							
49.792							
49.92							
50.048							
50.176							
50.304							
50.432							
50.56							
50.688							
50.816							
50.944							
51.072							
51.2							
51.328							
51.456							
51.584							
51.712							
51.84							
51.968							
52.096							
52.224							
52.352							
52.48							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
52.608							
52.736							
52.864							
52.992							
53.12							
53.248							
53.376							
53.504							
53.632							
53.76							
53.888							
54.016							
54.144							
54.272							
54.4							
54.528							
54.656							
54.784							
54.912							
55.04							
55.168							
55.296							
55.424							
55.552							
55.68							
55.808							
55.936							
56.064							
56.192							
56.32							
56.448							
56.576							
56.704							
56.832							
56.96							
57.088							
57.216							
57.344							
57.472							
57.6							
57.728							
57.856							
57.984							
58.112							
58.24							
58.368							
58.496							
58.624							
58.752							
58.88							
59.008							
59.136							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
59.264							
59.392							
59.52							
59.648							
59.776							
59.904							
60.032							
60.16							
60.288							
60.416							
60.544							
60.672							
60.8							
60.928							
61.056							
61.184							
61.312							
61.44							
61.568							
61.696							
61.824							
61.952							
62.08							
62.208							
62.336							
62.464							
62.592							
62.72							
62.848							
62.976							
63.104							
63.232							
63.36							
63.488							
63.616							
63.744							
63.872							
64							
64.128							
64.256							
64.384							
64.512							
64.64							
64.768							
64.896							
65.024							
65.152							
65.28							
65.408							
65.536							
65.664							
65.792							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
65.92							
66.048							
66.176							
66.304							
66.432							
66.56							
66.688							
66.816							
66.944							
67.072							
67.2							
67.328							
67.456							
67.584							
67.712							
67.84							
67.968							
68.096							
68.224							
68.352							
68.48							
68.608							
68.736							
68.864							
68.992							
69.12							
69.248							
69.376							
69.504							
69.632							
69.76							
69.888							
70.016							
70.144							
70.272							
70.4							
70.528							
70.656							
70.784							
70.912							
71.04							
71.168							
71.296							
71.424							
71.552							
71.68							
71.808							
71.936							
72.064							
72.192							
72.32							
72.448							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
72.576							
72.704							
72.832							
72.96							
73.088							
73.216							
73.344							
73.472							
73.6							
73.728							
73.856							
73.984							
74.112							
74.24							
74.368							
74.496							
74.624							
74.752							
74.88							
75.008							
75.136							
75.264							
75.392							
75.52							
75.648							
75.776							
75.904							
76.032							
76.16							
76.288							
76.416							
76.544							
76.672							
76.8							
76.928							
77.056							
77.184							
77.312							
77.44							
77.568							
77.696							
77.824							
77.952							
78.08							
78.208							
78.336							
78.464							
78.592							
78.72							
78.848							
78.976							
79.104							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
79.232							
79.36							
79.488							
79.616							
79.744							
79.872							
80							
80.128							
80.256							
80.384							
80.512							
80.64							
80.768							
80.896							
81.024							
81.152							
81.28							
81.408							
81.536							
81.664							
81.792							
81.92							
82.048							
82.176							
82.304							
82.432							
82.56							
82.688							
82.816							
82.944							
83.072							
83.2							
83.328							
83.456							
83.584							
83.712							
83.84							
83.968							
84.096							
84.224							
84.352							
84.48							
84.608							
84.736							
84.864							
84.992							
85.12							
85.248							
85.376							
85.504							
85.632							
85.76							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
85.888							
86.016							
86.144							
86.272							
86.4							
86.528							
86.656							
86.784							
86.912							
87.04							
87.168							
87.296							
87.424							
87.552							
87.68							
87.808							
87.936							
88.064							
88.192							
88.32							
88.448							
88.576							
88.704							
88.832							
88.96							
89.088							
89.216							
89.344							
89.472							
89.6							
89.728							
89.856							
89.984							
90.112							
90.24							
90.368							
90.496							
90.624							
90.752							
90.88							
91.008							
91.136							
91.264							
91.392							
91.52							
91.648							
91.776							
91.904							
92.032							
92.16							
92.288							
92.416							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
92.544							
92.672							
92.8							
92.928							
93.056							
93.184							
93.312							
93.44							
93.568							
93.696							
93.824							
93.952							
94.08							
94.208							
94.336							
94.464							
94.592							
94.72							
94.848							
94.976							
95.104							
95.232							
95.36							
95.488							
95.616							
95.744							
95.872							
96							
96.128							
96.256							
96.384							
96.512							
96.64							
96.768							
96.896							
97.024							
97.152							
97.28							
97.408							
97.536							
97.664							
97.792							
97.92							
98.048							
98.176							
98.304							
98.432							
98.56							
98.688							
98.816							
98.944							
99.072							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
99.2							
99.328							
99.456							
99.584							
99.712							
99.84							
99.968							
100.096							
100.224							
100.352							
100.48							
100.608							
100.736							
100.864							
100.992							
101.12							
101.248							
101.376							
101.504							
101.632							
101.76							
101.888							
102.016							
102.144							
102.272							
102.4							
102.528							
102.656							
102.784							
102.912							
103.04							
103.168							
103.296							
103.424							
103.552							
103.68							
103.808							
103.936							
104.064							
104.192							
104.32							
104.448							
104.576							
104.704							
104.832							
104.96							
105.088							
105.216							
105.344							
105.472							
105.6							
105.728							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
105.856							
105.984							
106.112							
106.24							
106.368							
106.496							
106.624							
106.752							
106.88							
107.008							
107.136							
107.264							
107.392							
107.52							
107.648							
107.776							
107.904							
108.032							
108.16							
108.288							
108.416							
108.544							
108.672							
108.8							
108.928							
109.056							
109.184							
109.312							
109.44							
109.568							
109.696							
109.824							
109.952							
110.08							
110.208							
110.336							
110.464							
110.592							
110.72							
110.848							
110.976							
111.104							
111.232							
111.36							
111.488							
111.616							
111.744							
111.872							
112							
112.128							
112.256							
112.384							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
112.512							
112.64							
112.768							
112.896							
113.024							
113.152							
113.28							
113.408							
113.536							
113.664							
113.792							
113.92							
114.048							
114.176							
114.304							
114.432							
114.56							
114.688							
114.816							
114.944							
115.072							
115.2							
115.328							
115.456							
115.584							
115.712							
115.84							
115.968							
116.096							
116.224							
116.352							
116.48							
116.608							
116.736							
116.864							
116.992							
117.12							
117.248							
117.376							
117.504							
117.632							
117.76							
117.888							
118.016							
118.144							
118.272							
118.4							
118.528							
118.656							
118.784							
118.912							
119.04							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
119.168							
119.296							
119.424							
119.552							
119.68							
119.808							
119.936							
120.064							
120.192							
120.32							
120.448							
120.576							
120.704							
120.832							
120.96							
121.088							
121.216							
121.344							
121.472							
121.6							
121.728							
121.856							
121.984							
122.112							
122.24							
122.368							
122.496							
122.624							
122.752							
122.88							
123.008							
123.136							
123.264							
123.392							
123.52							
123.648							
123.776							
123.904							
124.032							
124.16							
124.288							
124.416							
124.544							
124.672							
124.8							
124.928							
125.056							
125.184							
125.312							
125.44							
125.568							
125.696							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
125.824							
125.952							
126.08							
126.208							
126.336							
126.464							
126.592							
126.72							
126.848							
126.976							
127.104							
127.232							
127.36							
127.488							
127.616							
127.744							
127.872							
128							
128.128							
128.256							
128.384							
128.512							
128.64							
128.768							
128.896							
129.024							
129.152							
129.28							
129.408							
129.536							
129.664							
129.792							
129.92							
130.048							
130.176							
130.304							
130.432							
130.56							
130.688							
130.816							
130.944							
131.072							
131.2							
131.328							
131.456							
131.584							
131.712							
131.84							
131.968							
132.096							
132.224							
132.352							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
132.48							
132.608							
132.736							
132.864							
132.992							
133.12							
133.248							
133.376							
133.504							
133.632							
133.76							
133.888							
134.016							
134.144							
134.272							
134.4							
134.528							
134.656							
134.784							
134.912							
135.04							
135.168							
135.296							
135.424							
135.552							
135.68							
135.808							
135.936							
136.064							
136.192							
136.32							
136.448							
136.576							
136.704							
136.832							
136.96							
137.088							
137.216							
137.344							
137.472							
137.6							
137.728							
137.856							
137.984							
138.112							
138.24							
138.368							
138.496							
138.624							
138.752							
138.88							
139.008							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
139.136							
139.264							
139.392							
139.52							
139.648							
139.776							
139.904							
140.032							
140.16							
140.288							
140.416							
140.544							
140.672							
140.8							
140.928							
141.056							
141.184							
141.312							
141.44							
141.568							
141.696							
141.824							
141.952							
142.08							
142.208							
142.336							
142.464							
142.592							
142.72							
142.848							
142.976							
143.104							
143.232							
143.36							
143.488							
143.616							
143.744							
143.872							
144							
144.128							
144.256							
144.384							
144.512							
144.64							
144.768							
144.896							
145.024							
145.152							
145.28							
145.408							
145.536							
145.664							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
145.792							
145.92							
146.048							
146.176							
146.304							
146.432							
146.56							
146.688							
146.816							
146.944							
147.072							
147.2							
147.328							
147.456							
147.584							
147.712							
147.84							
147.968							
148.096							
148.224							
148.352							
148.48							
148.608							
148.736							
148.864							
148.992							
149.12							
149.248							
149.376							
149.504							
149.632							
149.76							
149.888							
150.016							
150.144							
150.272							
150.4							
150.528							
150.656							
150.784							
150.912							
151.04							
151.168							
151.296							
151.424							
151.552							
151.68							
151.808							
151.936							
152.064							
152.192							
152.32							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
152.448							
152.576							
152.704							
152.832							
152.96							
153.088							
153.216							
153.344							
153.472							
153.6							
153.728							
153.856							
153.984							
154.112							
154.24							
154.368							
154.496							
154.624							
154.752							
154.88							
155.008							
155.136							
155.264							
155.392							
155.52							
155.648							
155.776							
155.904							
156.032							
156.16							
156.288							
156.416							
156.544							
156.672							
156.8							
156.928							
157.056							
157.184							
157.312							
157.44							
157.568							
157.696							
157.824							
157.952							
158.08							
158.208							
158.336							
158.464							
158.592							
158.72							
158.848							
158.976							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
159.104							
159.232							
159.36							
159.488							
159.616							
159.744							
159.872							
160							
160.128							
160.256							
160.384							
160.512							
160.64							
160.768							
160.896							
161.024							
161.152							
161.28							
161.408							
161.536							
161.664							
161.792							
161.92							
162.048							
162.176							
162.304							
162.432							
162.56							
162.688							
162.816							
162.944							
163.072							
163.2							
163.328							
163.456							
163.584							
163.712							
163.84							
163.968							
164.096							
164.224							
164.352							
164.48							
164.608							
164.736							
164.864							
164.992							
165.12							
165.248							
165.376							
165.504							
165.632							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
165.76							
165.888							
166.016							
166.144							
166.272							
166.4							
166.528							
166.656							
166.784							
166.912							
167.04							
167.168							
167.296							
167.424							
167.552							
167.68							
167.808							
167.936							
168.064							
168.192							
168.32							
168.448							
168.576							
168.704							
168.832							
168.96							
169.088							
169.216							
169.344							
169.472							
169.6							
169.728							
169.856							
169.984							

4.3.2 Data of Case-01-02 Test

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
0							
0.128							
0.256							
0.384							
0.512							
0.64							
0.768							
0.896							
1.024							
1.152							
1.28							
1.408							
1.536							
1.664							
1.792							
1.92							
2.048							
2.176							
2.304							
2.432							
2.56							
2.688							
2.816							
2.944							
3.072							
3.2							
3.328							
3.456							
3.584							
3.712							
3.84							
3.968							
4.096							
4.224							
4.352							
4.48							
4.608							
4.736							
4.864							
4.992							
5.12							
5.248							
5.376							
5.504							
5.632							
5.76							
5.888							
6.016							
6.144							
6.272							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
6.4							
6.528							
6.656							
6.784							
6.912							
7.04							
7.168							
7.296							
7.424							
7.552							
7.68							
7.808							
7.936							
8.064							
8.192							
8.32							
8.448							
8.576							
8.704							
8.832							
8.96							
9.088							
9.216							
9.344							
9.472							
9.6							
9.728							
9.856							
9.984							
10.112							
10.24							
10.368							
10.496							
10.624							
10.752							
10.88							
11.008							
11.136							
11.264							
11.392							
11.52							
11.648							
11.776							
11.904							
12.032							
12.16							
12.288							
12.416							
12.544							
12.672							
12.8							
12.928							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
13.056							
13.184							
13.312							
13.44							
13.568							
13.696							
13.824							
13.952							
14.08							
14.208							
14.336							
14.464							
14.592							
14.72							
14.848							
14.976							
15.104							
15.232							
15.36							
15.488							
15.616							
15.744							
15.872							
16							
16.128							
16.256							
16.384							
16.512							
16.64							
16.768							
16.896							
17.024							
17.152							
17.28							
17.408							
17.536							
17.664							
17.792							
17.92							
18.048							
18.176							
18.304							
18.432							
18.56							
18.688							
18.816							
18.944							
19.072							
19.2							
19.328							
19.456							
19.584							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
19.712							
19.84							
19.968							
20.096							
20.224							
20.352							
20.48							
20.608							
20.736							
20.864							
20.992							
21.12							
21.248							
21.376							
21.504							
21.632							
21.76							
21.888							
22.016							
22.144							
22.272							
22.4							
22.528							
22.656							
22.784							
22.912							
23.04							
23.168							
23.296							
23.424							
23.552							
23.68							
23.808							
23.936							
24.064							
24.192							
24.32							
24.448							
24.576							
24.704							
24.832							
24.96							
25.088							
25.216							
25.344							
25.472							
25.6							
25.728							
25.856							
25.984							
26.112							
26.24							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
26.368							
26.496							
26.624							
26.752							
26.88							
27.008							
27.136							
27.264							
27.392							
27.52							
27.648							
27.776							
27.904							
28.032							
28.16							
28.288							
28.416							
28.544							
28.672							
28.8							
28.928							
29.056							
29.184							
29.312							
29.44							
29.568							
29.696							
29.824							
29.952							
30.08							
30.208							
30.336							
30.464							
30.592							
30.72							
30.848							
30.976							
31.104							
31.232							
31.36							
31.488							
31.616							
31.744							
31.872							
32							
32.128							
32.256							
32.384							
32.512							
32.64							
32.768							
32.896							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
33.024							
33.152							
33.28							
33.408							
33.536							
33.664							
33.792							
33.92							
34.048							
34.176							
34.304							
34.432							
34.56							
34.688							
34.816							
34.944							
35.072							
35.2							
35.328							
35.456							
35.584							
35.712							
35.84							
35.968							
36.096							
36.224							
36.352							
36.48							
36.608							
36.736							
36.864							
36.992							
37.12							
37.248							
37.376							
37.504							
37.632							
37.76							
37.888							
38.016							
38.144							
38.272							
38.4							
38.528							
38.656							
38.784							
38.912							
39.04							
39.168							
39.296							
39.424							
39.552							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
39.68							
39.808							
39.936							
40.064							
40.192							
40.32							
40.448							
40.576							
40.704							
40.832							
40.96							
41.088							
41.216							
41.344							
41.472							
41.6							
41.728							
41.856							
41.984							
42.112							
42.24							
42.368							
42.496							
42.624							
42.752							
42.88							
43.008							
43.136							
43.264							
43.392							
43.52							
43.648							
43.776							
43.904							
44.032							
44.16							
44.288							
44.416							
44.544							
44.672							
44.8							
44.928							
45.056							
45.184							
45.312							
45.44							
45.568							
45.696							
45.824							
45.952							
46.08							
46.208							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
46.336							
46.464							
46.592							
46.72							
46.848							
46.976							
47.104							
47.232							
47.36							
47.488							
47.616							
47.744							
47.872							
48							
48.128							
48.256							
48.384							
48.512							
48.64							
48.768							
48.896							
49.024							
49.152							
49.28							
49.408							
49.536							
49.664							
49.792							
49.92							
50.048							
50.176							
50.304							
50.432							
50.56							
50.688							
50.816							
50.944							
51.072							
51.2							
51.328							
51.456							
51.584							
51.712							
51.84							
51.968							
52.096							
52.224							
52.352							
52.48							
52.608							
52.736							
52.864							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
52.992							
53.12							
53.248							
53.376							
53.504							
53.632							
53.76							
53.888							
54.016							
54.144							
54.272							
54.4							
54.528							
54.656							
54.784							
54.912							
55.04							
55.168							
55.296							
55.424							
55.552							
55.68							
55.808							
55.936							
56.064							
56.192							
56.32							
56.448							
56.576							
56.704							
56.832							
56.96							
57.088							
57.216							
57.344							
57.472							
57.6							
57.728							
57.856							
57.984							
58.112							
58.24							
58.368							
58.496							
58.624							
58.752							
58.88							
59.008							
59.136							
59.264							
59.392							
59.52							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
59.648							
59.776							
59.904							
60.032							
60.16							
60.288							
60.416							
60.544							
60.672							
60.8							
60.928							
61.056							
61.184							
61.312							
61.44							
61.568							
61.696							
61.824							
61.952							
62.08							
62.208							
62.336							
62.464							
62.592							
62.72							
62.848							
62.976							
63.104							
63.232							
63.36							
63.488							
63.616							
63.744							
63.872							
64							
64.128							
64.256							
64.384							
64.512							
64.64							
64.768							
64.896							
65.024							
65.152							
65.28							
65.408							
65.536							
65.664							
65.792							
65.92							
66.048							
66.176							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
66.304							
66.432							
66.56							
66.688							
66.816							
66.944							
67.072							
67.2							
67.328							
67.456							
67.584							
67.712							
67.84							
67.968							
68.096							
68.224							
68.352							
68.48							
68.608							
68.736							
68.864							
68.992							
69.12							
69.248							
69.376							
69.504							
69.632							
69.76							
69.888							
70.016							
70.144							
70.272							
70.4							
70.528							
70.656							
70.784							
70.912							
71.04							
71.168							
71.296							
71.424							
71.552							
71.68							
71.808							
71.936							
72.064							
72.192							
72.32							
72.448							
72.576							
72.704							
72.832							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
72.96							
73.088							
73.216							
73.344							
73.472							
73.6							
73.728							
73.856							
73.984							
74.112							
74.24							
74.368							
74.496							
74.624							
74.752							
74.88							
75.008							
75.136							
75.264							
75.392							
75.52							
75.648							
75.776							
75.904							
76.032							
76.16							
76.288							
76.416							
76.544							
76.672							
76.8							
76.928							
77.056							
77.184							
77.312							
77.44							
77.568							
77.696							
77.824							
77.952							
78.08							
78.208							
78.336							
78.464							
78.592							
78.72							
78.848							
78.976							
79.104							
79.232							
79.36							
79.488							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
79.616							
79.744							
79.872							
80							
80.128							
80.256							
80.384							
80.512							
80.64							
80.768							
80.896							
81.024							
81.152							
81.28							
81.408							
81.536							
81.664							
81.792							
81.92							
82.048							
82.176							
82.304							
82.432							
82.56							
82.688							
82.816							
82.944							
83.072							
83.2							
83.328							
83.456							
83.584							
83.712							
83.84							
83.968							
84.096							
84.224							
84.352							
84.48							
84.608							
84.736							
84.864							
84.992							
85.12							
85.248							
85.376							
85.504							
85.632							
85.76							
85.888							
86.016							
86.144							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
86.272							
86.4							
86.528							
86.656							
86.784							
86.912							
87.04							
87.168							
87.296							
87.424							
87.552							
87.68							
87.808							
87.936							
88.064							
88.192							
88.32							
88.448							
88.576							
88.704							
88.832							
88.96							
89.088							
89.216							
89.344							
89.472							
89.6							
89.728							
89.856							
89.984							
90.112							
90.24							
90.368							
90.496							
90.624							
90.752							
90.88							
91.008							
91.136							
91.264							
91.392							
91.52							
91.648							
91.776							
91.904							
92.032							
92.16							
92.288							
92.416							
92.544							
92.672							
92.8							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
92.928							
93.056							
93.184							
93.312							
93.44							
93.568							
93.696							
93.824							
93.952							
94.08							
94.208							
94.336							
94.464							
94.592							
94.72							
94.848							
94.976							
95.104							
95.232							
95.36							
95.488							
95.616							
95.744							
95.872							
96							
96.128							
96.256							
96.384							
96.512							
96.64							
96.768							
96.896							
97.024							
97.152							
97.28							
97.408							
97.536							
97.664							
97.792							
97.92							
98.048							
98.176							
98.304							
98.432							
98.56							
98.688							
98.816							
98.944							
99.072							
99.2							
99.328							
99.456							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
99.584							
99.712							
99.84							
99.968							
100.096							
100.224							
100.352							
100.48							
100.608							
100.736							
100.864							
100.992							
101.12							
101.248							
101.376							
101.504							
101.632							
101.76							
101.888							
102.016							
102.144							
102.272							
102.4							
102.528							
102.656							
102.784							
102.912							
103.04							
103.168							
103.296							
103.424							
103.552							
103.68							
103.808							
103.936							
104.064							
104.192							
104.32							
104.448							
104.576							
104.704							
104.832							
104.96							
105.088							
105.216							
105.344							
105.472							
105.6							
105.728							
105.856							
105.984							
106.112							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
106.24							
106.368							
106.496							
106.624							
106.752							
106.88							
107.008							
107.136							
107.264							
107.392							
107.52							
107.648							
107.776							
107.904							
108.032							
108.16							
108.288							
108.416							
108.544							
108.672							
108.8							
108.928							
109.056							
109.184							
109.312							
109.44							
109.568							
109.696							
109.824							
109.952							
110.08							
110.208							
110.336							
110.464							
110.592							
110.72							
110.848							
110.976							
111.104							
111.232							
111.36							
111.488							
111.616							
111.744							
111.872							
112							
112.128							
112.256							
112.384							
112.512							
112.64							
112.768							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
112.896							
113.024							
113.152							
113.28							
113.408							
113.536							
113.664							
113.792							
113.92							
114.048							
114.176							
114.304							
114.432							
114.56							
114.688							
114.816							
114.944							
115.072							
115.2							
115.328							
115.456							
115.584							
115.712							
115.84							
115.968							
116.096							
116.224							
116.352							
116.48							
116.608							
116.736							
116.864							
116.992							
117.12							
117.248							
117.376							
117.504							
117.632							
117.76							
117.888							
118.016							
118.144							
118.272							
118.4							
118.528							
118.656							
118.784							
118.912							
119.04							
119.168							
119.296							
119.424							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
119.552							
119.68							
119.808							
119.936							
120.064							
120.192							
120.32							
120.448							
120.576							
120.704							
120.832							
120.96							
121.088							
121.216							
121.344							
121.472							
121.6							
121.728							
121.856							
121.984							
122.112							
122.24							
122.368							
122.496							
122.624							
122.752							
122.88							
123.008							
123.136							
123.264							
123.392							
123.52							
123.648							
123.776							
123.904							
124.032							
124.16							
124.288							
124.416							
124.544							
124.672							
124.8							
124.928							
125.056							
125.184							
125.312							
125.44							
125.568							
125.696							
125.824							
125.952							
126.08							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
126.208							
126.336							
126.464							
126.592							
126.72							
126.848							
126.976							
127.104							
127.232							
127.36							
127.488							
127.616							
127.744							
127.872							
128							
128.128							
128.256							
128.384							
128.512							
128.64							
128.768							
128.896							
129.024							
129.152							
129.28							
129.408							
129.536							
129.664							
129.792							
129.92							
130.048							
130.176							
130.304							
130.432							
130.56							
130.688							
130.816							
130.944							
131.072							
131.2							
131.328							
131.456							
131.584							
131.712							
131.84							
131.968							
132.096							
132.224							
132.352							
132.48							
132.608							
132.736							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
132.864							
132.992							
133.12							
133.248							
133.376							
133.504							
133.632							
133.76							
133.888							
134.016							
134.144							
134.272							
134.4							
134.528							
134.656							
134.784							
134.912							
135.04							
135.168							
135.296							
135.424							
135.552							
135.68							
135.808							
135.936							
136.064							
136.192							
136.32							
136.448							
136.576							
136.704							
136.832							
136.96							
137.088							
137.216							
137.344							
137.472							
137.6							
137.728							
137.856							
137.984							
138.112							
138.24							
138.368							
138.496							
138.624							
138.752							
138.88							
139.008							
139.136							
139.264							
139.392							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
139.52							
139.648							
139.776							
139.904							
140.032							
140.16							
140.288							
140.416							
140.544							
140.672							
140.8							
140.928							
141.056							
141.184							
141.312							
141.44							
141.568							
141.696							
141.824							
141.952							
142.08							
142.208							
142.336							
142.464							
142.592							
142.72							
142.848							
142.976							
143.104							
143.232							
143.36							
143.488							
143.616							
143.744							
143.872							
144							
144.128							
144.256							
144.384							
144.512							
144.64							
144.768							
144.896							
145.024							
145.152							
145.28							
145.408							
145.536							
145.664							
145.792							
145.92							
146.048							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
146.176							
146.304							
146.432							
146.56							
146.688							
146.816							
146.944							
147.072							
147.2							
147.328							
147.456							
147.584							
147.712							
147.84							
147.968							
148.096							
148.224							
148.352							
148.48							
148.608							
148.736							
148.864							
148.992							
149.12							
149.248							
149.376							
149.504							
149.632							
149.76							
149.888							
150.016							
150.144							
150.272							
150.4							
150.528							
150.656							
150.784							
150.912							
151.04							
151.168							
151.296							
151.424							
151.552							
151.68							
151.808							
151.936							
152.064							
152.192							
152.32							
152.448							
152.576							
152.704							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
152.832							
152.96							
153.088							
153.216							
153.344							
153.472							
153.6							
153.728							
153.856							
153.984							
154.112							
154.24							
154.368							
154.496							
154.624							
154.752							
154.88							
155.008							
155.136							
155.264							
155.392							
155.52							
155.648							
155.776							
155.904							
156.032							
156.16							
156.288							
156.416							
156.544							
156.672							
156.8							
156.928							
157.056							
157.184							
157.312							
157.44							
157.568							
157.696							
157.824							
157.952							
158.08							
158.208							
158.336							
158.464							
158.592							
158.72							
158.848							
158.976							
159.104							
159.232							
159.36							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
159.488							
159.616							
159.744							
159.872							
160							
160.128							
160.256							
160.384							
160.512							
160.64							
160.768							
160.896							
161.024							
161.152							
161.28							
161.408							
161.536							
161.664							
161.792							
161.92							
162.048							
162.176							
162.304							
162.432							
162.56							
162.688							
162.816							
162.944							
163.072							
163.2							
163.328							
163.456							
163.584							
163.712							
163.84							
163.968							
164.096							
164.224							
164.352							
164.48							
164.608							
164.736							
164.864							
164.992							
165.12							
165.248							
165.376							
165.504							
165.632							
165.76							
165.888							
166.016							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
166.144							
166.272							
166.4							
166.528							
166.656							
166.784							
166.912							
167.04							
167.168							
167.296							
167.424							
167.552							
167.68							
167.808							
167.936							
168.064							
168.192							
168.32							
168.448							
168.576							
168.704							
168.832							
168.96							
169.088							
169.216							
169.344							
169.472							
169.6							
169.728							
169.856							
169.984							

4.3.3 Data of Case-01-03 Test

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
0							
0.128							
0.256							
0.384							
0.512							
0.64							
0.768							
0.896							
1.024							
1.152							
1.28							
1.408							
1.536							
1.664							
1.792							
1.92							
2.048							
2.176							
2.304							
2.432							
2.56							
2.688							
2.816							
2.944							
3.072							
3.2							
3.328							
3.456							
3.584							
3.712							
3.84							
3.968							
4.096							
4.224							
4.352							
4.48							
4.608							
4.736							
4.864							
4.992							
5.12							
5.248							
5.376							
5.504							
5.632							
5.76							
5.888							
6.016							
6.144							
6.272							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
6.4							
6.528							
6.656							
6.784							
6.912							
7.04							
7.168							
7.296							
7.424							
7.552							
7.68							
7.808							
7.936							
8.064							
8.192							
8.32							
8.448							
8.576							
8.704							
8.832							
8.96							
9.088							
9.216							
9.344							
9.472							
9.6							
9.728							
9.856							
9.984							
10.112							
10.24							
10.368							
10.496							
10.624							
10.752							
10.88							
11.008							
11.136							
11.264							
11.392							
11.52							
11.648							
11.776							
11.904							
12.032							
12.16							
12.288							
12.416							
12.544							
12.672							
12.8							
12.928							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
13.056							
13.184							
13.312							
13.44							
13.568							
13.696							
13.824							
13.952							
14.08							
14.208							
14.336							
14.464							
14.592							
14.72							
14.848							
14.976							
15.104							
15.232							
15.36							
15.488							
15.616							
15.744							
15.872							
16							
16.128							
16.256							
16.384							
16.512							
16.64							
16.768							
16.896							
17.024							
17.152							
17.28							
17.408							
17.536							
17.664							
17.792							
17.92							
18.048							
18.176							
18.304							
18.432							
18.56							
18.688							
18.816							
18.944							
19.072							
19.2							
19.328							
19.456							
19.584							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
19.712							
19.84							
19.968							
20.096							
20.224							
20.352							
20.48							
20.608							
20.736							
20.864							
20.992							
21.12							
21.248							
21.376							
21.504							
21.632							
21.76							
21.888							
22.016							
22.144							
22.272							
22.4							
22.528							
22.656							
22.784							
22.912							
23.04							
23.168							
23.296							
23.424							
23.552							
23.68							
23.808							
23.936							
24.064							
24.192							
24.32							
24.448							
24.576							
24.704							
24.832							
24.96							
25.088							
25.216							
25.344							
25.472							
25.6							
25.728							
25.856							
25.984							
26.112							
26.24							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
26.368							
26.496							
26.624							
26.752							
26.88							
27.008							
27.136							
27.264							
27.392							
27.52							
27.648							
27.776							
27.904							
28.032							
28.16							
28.288							
28.416							
28.544							
28.672							
28.8							
28.928							
29.056							
29.184							
29.312							
29.44							
29.568							
29.696							
29.824							
29.952							
30.08							
30.208							
30.336							
30.464							
30.592							
30.72							
30.848							
30.976							
31.104							
31.232							
31.36							
31.488							
31.616							
31.744							
31.872							
32							
32.128							
32.256							
32.384							
32.512							
32.64							
32.768							
32.896							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
33.024							
33.152							
33.28							
33.408							
33.536							
33.664							
33.792							
33.92							
34.048							
34.176							
34.304							
34.432							
34.56							
34.688							
34.816							
34.944							
35.072							
35.2							
35.328							
35.456							
35.584							
35.712							
35.84							
35.968							
36.096							
36.224							
36.352							
36.48							
36.608							
36.736							
36.864							
36.992							
37.12							
37.248							
37.376							
37.504							
37.632							
37.76							
37.888							
38.016							
38.144							
38.272							
38.4							
38.528							
38.656							
38.784							
38.912							
39.04							
39.168							
39.296							
39.424							
39.552							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
39.68							
39.808							
39.936							
40.064							
40.192							
40.32							
40.448							
40.576							
40.704							
40.832							
40.96							
41.088							
41.216							
41.344							
41.472							
41.6							
41.728							
41.856							
41.984							
42.112							
42.24							
42.368							
42.496							
42.624							
42.752							
42.88							
43.008							
43.136							
43.264							
43.392							
43.52							
43.648							
43.776							
43.904							
44.032							
44.16							
44.288							
44.416							
44.544							
44.672							
44.8							
44.928							
45.056							
45.184							
45.312							
45.44							
45.568							
45.696							
45.824							
45.952							
46.08							
46.208							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
46.336							
46.464							
46.592							
46.72							
46.848							
46.976							
47.104							
47.232							
47.36							
47.488							
47.616							
47.744							
47.872							
48							
48.128							
48.256							
48.384							
48.512							
48.64							
48.768							
48.896							
49.024							
49.152							
49.28							
49.408							
49.536							
49.664							
49.792							
49.92							
50.048							
50.176							
50.304							
50.432							
50.56							
50.688							
50.816							
50.944							
51.072							
51.2							
51.328							
51.456							
51.584							
51.712							
51.84							
51.968							
52.096							
52.224							
52.352							
52.48							
52.608							
52.736							
52.864							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
52.992							
53.12							
53.248							
53.376							
53.504							
53.632							
53.76							
53.888							
54.016							
54.144							
54.272							
54.4							
54.528							
54.656							
54.784							
54.912							
55.04							
55.168							
55.296							
55.424							
55.552							
55.68							
55.808							
55.936							
56.064							
56.192							
56.32							
56.448							
56.576							
56.704							
56.832							
56.96							
57.088							
57.216							
57.344							
57.472							
57.6							
57.728							
57.856							
57.984							
58.112							
58.24							
58.368							
58.496							
58.624							
58.752							
58.88							
59.008							
59.136							
59.264							
59.392							
59.52							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
59.648							
59.776							
59.904							
60.032							
60.16							
60.288							
60.416							
60.544							
60.672							
60.8							
60.928							
61.056							
61.184							
61.312							
61.44							
61.568							
61.696							
61.824							
61.952							
62.08							
62.208							
62.336							
62.464							
62.592							
62.72							
62.848							
62.976							
63.104							
63.232							
63.36							
63.488							
63.616							
63.744							
63.872							
64							
64.128							
64.256							
64.384							
64.512							
64.64							
64.768							
64.896							
65.024							
65.152							
65.28							
65.408							
65.536							
65.664							
65.792							
65.92							
66.048							
66.176							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
66.304							
66.432							
66.56							
66.688							
66.816							
66.944							
67.072							
67.2							
67.328							
67.456							
67.584							
67.712							
67.84							
67.968							
68.096							
68.224							
68.352							
68.48							
68.608							
68.736							
68.864							
68.992							
69.12							
69.248							
69.376							
69.504							
69.632							
69.76							
69.888							
70.016							
70.144							
70.272							
70.4							
70.528							
70.656							
70.784							
70.912							
71.04							
71.168							
71.296							
71.424							
71.552							
71.68							
71.808							
71.936							
72.064							
72.192							
72.32							
72.448							
72.576							
72.704							
72.832							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
72.96							
73.088							
73.216							
73.344							
73.472							
73.6							
73.728							
73.856							
73.984							
74.112							
74.24							
74.368							
74.496							
74.624							
74.752							
74.88							
75.008							
75.136							
75.264							
75.392							
75.52							
75.648							
75.776							
75.904							
76.032							
76.16							
76.288							
76.416							
76.544							
76.672							
76.8							
76.928							
77.056							
77.184							
77.312							
77.44							
77.568							
77.696							
77.824							
77.952							
78.08							
78.208							
78.336							
78.464							
78.592							
78.72							
78.848							
78.976							
79.104							
79.232							
79.36							
79.488							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
79.616							
79.744							
79.872							
80							
80.128							
80.256							
80.384							
80.512							
80.64							
80.768							
80.896							
81.024							
81.152							
81.28							
81.408							
81.536							
81.664							
81.792							
81.92							
82.048							
82.176							
82.304							
82.432							
82.56							
82.688							
82.816							
82.944							
83.072							
83.2							
83.328							
83.456							
83.584							
83.712							
83.84							
83.968							
84.096							
84.224							
84.352							
84.48							
84.608							
84.736							
84.864							
84.992							
85.12							
85.248							
85.376							
85.504							
85.632							
85.76							
85.888							
86.016							
86.144							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
86.272							
86.4							
86.528							
86.656							
86.784							
86.912							
87.04							
87.168							
87.296							
87.424							
87.552							
87.68							
87.808							
87.936							
88.064							
88.192							
88.32							
88.448							
88.576							
88.704							
88.832							
88.96							
89.088							
89.216							
89.344							
89.472							
89.6							
89.728							
89.856							
89.984							
90.112							
90.24							
90.368							
90.496							
90.624							
90.752							
90.88							
91.008							
91.136							
91.264							
91.392							
91.52							
91.648							
91.776							
91.904							
92.032							
92.16							
92.288							
92.416							
92.544							
92.672							
92.8							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
92.928							
93.056							
93.184							
93.312							
93.44							
93.568							
93.696							
93.824							
93.952							
94.08							
94.208							
94.336							
94.464							
94.592							
94.72							
94.848							
94.976							
95.104							
95.232							
95.36							
95.488							
95.616							
95.744							
95.872							
96							
96.128							
96.256							
96.384							
96.512							
96.64							
96.768							
96.896							
97.024							
97.152							
97.28							
97.408							
97.536							
97.664							
97.792							
97.92							
98.048							
98.176							
98.304							
98.432							
98.56							
98.688							
98.816							
98.944							
99.072							
99.2							
99.328							
99.456							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
99.584							
99.712							
99.84							
99.968							
100.096							
100.224							
100.352							
100.48							
100.608							
100.736							
100.864							
100.992							
101.12							
101.248							
101.376							
101.504							
101.632							
101.76							
101.888							
102.016							
102.144							
102.272							
102.4							
102.528							
102.656							
102.784							
102.912							
103.04							
103.168							
103.296							
103.424							
103.552							
103.68							
103.808							
103.936							
104.064							
104.192							
104.32							
104.448							
104.576							
104.704							
104.832							
104.96							
105.088							
105.216							
105.344							
105.472							
105.6							
105.728							
105.856							
105.984							
106.112							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
106.24							
106.368							
106.496							
106.624							
106.752							
106.88							
107.008							
107.136							
107.264							
107.392							
107.52							
107.648							
107.776							
107.904							
108.032							
108.16							
108.288							
108.416							
108.544							
108.672							
108.8							
108.928							
109.056							
109.184							
109.312							
109.44							
109.568							
109.696							
109.824							
109.952							
110.08							
110.208							
110.336							
110.464							
110.592							
110.72							
110.848							
110.976							
111.104							
111.232							
111.36							
111.488							
111.616							
111.744							
111.872							
112							
112.128							
112.256							
112.384							
112.512							
112.64							
112.768							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
112.896							
113.024							
113.152							
113.28							
113.408							
113.536							
113.664							
113.792							
113.92							
114.048							
114.176							
114.304							
114.432							
114.56							
114.688							
114.816							
114.944							
115.072							
115.2							
115.328							
115.456							
115.584							
115.712							
115.84							
115.968							
116.096							
116.224							
116.352							
116.48							
116.608							
116.736							
116.864							
116.992							
117.12							
117.248							
117.376							
117.504							
117.632							
117.76							
117.888							
118.016							
118.144							
118.272							
118.4							
118.528							
118.656							
118.784							
118.912							
119.04							
119.168							
119.296							
119.424							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
119.552							
119.68							
119.808							
119.936							
120.064							
120.192							
120.32							
120.448							
120.576							
120.704							
120.832							
120.96							
121.088							
121.216							
121.344							
121.472							
121.6							
121.728							
121.856							
121.984							
122.112							
122.24							
122.368							
122.496							
122.624							
122.752							
122.88							
123.008							
123.136							
123.264							
123.392							
123.52							
123.648							
123.776							
123.904							
124.032							
124.16							
124.288							
124.416							
124.544							
124.672							
124.8							
124.928							
125.056							
125.184							
125.312							
125.44							
125.568							
125.696							
125.824							
125.952							
126.08							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
126.208							
126.336							
126.464							
126.592							
126.72							
126.848							
126.976							
127.104							
127.232							
127.36							
127.488							
127.616							
127.744							
127.872							
128							
128.128							
128.256							
128.384							
128.512							
128.64							
128.768							
128.896							
129.024							
129.152							
129.28							
129.408							
129.536							
129.664							
129.792							
129.92							
130.048							
130.176							
130.304							
130.432							
130.56							
130.688							
130.816							
130.944							
131.072							
131.2							
131.328							
131.456							
131.584							
131.712							
131.84							
131.968							
132.096							
132.224							
132.352							
132.48							
132.608							
132.736							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
132.864							
132.992							
133.12							
133.248							
133.376							
133.504							
133.632							
133.76							
133.888							
134.016							
134.144							
134.272							
134.4							
134.528							
134.656							
134.784							
134.912							
135.04							
135.168							
135.296							
135.424							
135.552							
135.68							
135.808							
135.936							
136.064							
136.192							
136.32							
136.448							
136.576							
136.704							
136.832							
136.96							
137.088							
137.216							
137.344							
137.472							
137.6							
137.728							
137.856							
137.984							
138.112							
138.24							
138.368							
138.496							
138.624							
138.752							
138.88							
139.008							
139.136							
139.264							
139.392							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
139.52							
139.648							
139.776							
139.904							
140.032							
140.16							
140.288							
140.416							
140.544							
140.672							
140.8							
140.928							
141.056							
141.184							
141.312							
141.44							
141.568							
141.696							
141.824							
141.952							
142.08							
142.208							
142.336							
142.464							
142.592							
142.72							
142.848							
142.976							
143.104							
143.232							
143.36							
143.488							
143.616							
143.744							
143.872							
144							
144.128							
144.256							
144.384							
144.512							
144.64							
144.768							
144.896							
145.024							
145.152							
145.28							
145.408							
145.536							
145.664							
145.792							
145.92							
146.048							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
146.176							
146.304							
146.432							
146.56							
146.688							
146.816							
146.944							
147.072							
147.2							
147.328							
147.456							
147.584							
147.712							
147.84							
147.968							
148.096							
148.224							
148.352							
148.48							
148.608							
148.736							
148.864							
148.992							
149.12							
149.248							
149.376							
149.504							
149.632							
149.76							
149.888							
150.016							
150.144							
150.272							
150.4							
150.528							
150.656							
150.784							
150.912							
151.04							
151.168							
151.296							
151.424							
151.552							
151.68							
151.808							
151.936							
152.064							
152.192							
152.32							
152.448							
152.576							
152.704							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
152.832							
152.96							
153.088							
153.216							
153.344							
153.472							
153.6							
153.728							
153.856							
153.984							
154.112							
154.24							
154.368							
154.496							
154.624							
154.752							
154.88							
155.008							
155.136							
155.264							
155.392							
155.52							
155.648							
155.776							
155.904							
156.032							
156.16							
156.288							
156.416							
156.544							
156.672							
156.8							
156.928							
157.056							
157.184							
157.312							
157.44							
157.568							
157.696							
157.824							
157.952							
158.08							
158.208							
158.336							
158.464							
158.592							
158.72							
158.848							
158.976							
159.104							
159.232							
159.36							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
159.488							
159.616							
159.744							
159.872							
160							
160.128							
160.256							
160.384							
160.512							
160.64							
160.768							
160.896							
161.024							
161.152							
161.28							
161.408							
161.536							
161.664							
161.792							
161.92							
162.048							
162.176							
162.304							
162.432							
162.56							
162.688							
162.816							
162.944							
163.072							
163.2							
163.328							
163.456							
163.584							
163.712							
163.84							
163.968							
164.096							
164.224							
164.352							
164.48							
164.608							
164.736							
164.864							
164.992							
165.12							
165.248							
165.376							
165.504							
165.632							
165.76							
165.888							
166.016							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
166.144							
166.272							
166.4							
166.528							
166.656							
166.784							
166.912							
167.04							
167.168							
167.296							
167.424							
167.552							
167.68							
167.808							
167.936							
168.064							
168.192							
168.32							
168.448							
168.576							
168.704							
168.832							
168.96							
169.088							
169.216							
169.344							
169.472							
169.6							
169.728							
169.856							
169.984							

4.3.4 Data of Case-01-04 Test

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
0							
0.128							
0.256							
0.384							
0.512							
0.64							
0.768							
0.896							
1.024							
1.152							
1.28							
1.408							
1.536							
1.664							
1.792							
1.92							
2.048							
2.176							
2.304							
2.432							
2.56							
2.688							
2.816							
2.944							
3.072							
3.2							
3.328							
3.456							
3.584							
3.712							
3.84							
3.968							
4.096							
4.224							
4.352							
4.48							
4.608							
4.736							
4.864							
4.992							
5.12							
5.248							
5.376							
5.504							
5.632							
5.76							
5.888							
6.016							
6.144							
6.272							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
6.4							
6.528							
6.656							
6.784							
6.912							
7.04							
7.168							
7.296							
7.424							
7.552							
7.68							
7.808							
7.936							
8.064							
8.192							
8.32							
8.448							
8.576							
8.704							
8.832							
8.96							
9.088							
9.216							
9.344							
9.472							
9.6							
9.728							
9.856							
9.984							
10.112							
10.24							
10.368							
10.496							
10.624							
10.752							
10.88							
11.008							
11.136							
11.264							
11.392							
11.52							
11.648							
11.776							
11.904							
12.032							
12.16							
12.288							
12.416							
12.544							
12.672							
12.8							
12.928							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
13.056							
13.184							
13.312							
13.44							
13.568							
13.696							
13.824							
13.952							
14.08							
14.208							
14.336							
14.464							
14.592							
14.72							
14.848							
14.976							
15.104							
15.232							
15.36							
15.488							
15.616							
15.744							
15.872							
16							
16.128							
16.256							
16.384							
16.512							
16.64							
16.768							
16.896							
17.024							
17.152							
17.28							
17.408							
17.536							
17.664							
17.792							
17.92							
18.048							
18.176							
18.304							
18.432							
18.56							
18.688							
18.816							
18.944							
19.072							
19.2							
19.328							
19.456							
19.584							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
19.712							
19.84							
19.968							
20.096							
20.224							
20.352							
20.48							
20.608							
20.736							
20.864							
20.992							
21.12							
21.248							
21.376							
21.504							
21.632							
21.76							
21.888							
22.016							
22.144							
22.272							
22.4							
22.528							
22.656							
22.784							
22.912							
23.04							
23.168							
23.296							
23.424							
23.552							
23.68							
23.808							
23.936							
24.064							
24.192							
24.32							
24.448							
24.576							
24.704							
24.832							
24.96							
25.088							
25.216							
25.344							
25.472							
25.6							
25.728							
25.856							
25.984							
26.112							
26.24							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
26.368							
26.496							
26.624							
26.752							
26.88							
27.008							
27.136							
27.264							
27.392							
27.52							
27.648							
27.776							
27.904							
28.032							
28.16							
28.288							
28.416							
28.544							
28.672							
28.8							
28.928							
29.056							
29.184							
29.312							
29.44							
29.568							
29.696							
29.824							
29.952							
30.08							
30.208							
30.336							
30.464							
30.592							
30.72							
30.848							
30.976							
31.104							
31.232							
31.36							
31.488							
31.616							
31.744							
31.872							
32							
32.128							
32.256							
32.384							
32.512							
32.64							
32.768							
32.896							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
33.024							
33.152							
33.28							
33.408							
33.536							
33.664							
33.792							
33.92							
34.048							
34.176							
34.304							
34.432							
34.56							
34.688							
34.816							
34.944							
35.072							
35.2							
35.328							
35.456							
35.584							
35.712							
35.84							
35.968							
36.096							
36.224							
36.352							
36.48							
36.608							
36.736							
36.864							
36.992							
37.12							
37.248							
37.376							
37.504							
37.632							
37.76							
37.888							
38.016							
38.144							
38.272							
38.4							
38.528							
38.656							
38.784							
38.912							
39.04							
39.168							
39.296							
39.424							
39.552							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
39.68							
39.808							
39.936							
40.064							
40.192							
40.32							
40.448							
40.576							
40.704							
40.832							
40.96							
41.088							
41.216							
41.344							
41.472							
41.6							
41.728							
41.856							
41.984							
42.112							
42.24							
42.368							
42.496							
42.624							
42.752							
42.88							
43.008							
43.136							
43.264							
43.392							
43.52							
43.648							
43.776							
43.904							
44.032							
44.16							
44.288							
44.416							
44.544							
44.672							
44.8							
44.928							
45.056							
45.184							
45.312							
45.44							
45.568							
45.696							
45.824							
45.952							
46.08							
46.208							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
46.336							
46.464							
46.592							
46.72							
46.848							
46.976							
47.104							
47.232							
47.36							
47.488							
47.616							
47.744							
47.872							
48							
48.128							
48.256							
48.384							
48.512							
48.64							
48.768							
48.896							
49.024							
49.152							
49.28							
49.408							
49.536							
49.664							
49.792							
49.92							
50.048							
50.176							
50.304							
50.432							
50.56							
50.688							
50.816							
50.944							
51.072							
51.2							
51.328							
51.456							
51.584							
51.712							
51.84							
51.968							
52.096							
52.224							
52.352							
52.48							
52.608							
52.736							
52.864							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
52.992							
53.12							
53.248							
53.376							
53.504							
53.632							
53.76							
53.888							
54.016							
54.144							
54.272							
54.4							
54.528							
54.656							
54.784							
54.912							
55.04							
55.168							
55.296							
55.424							
55.552							
55.68							
55.808							
55.936							
56.064							
56.192							
56.32							
56.448							
56.576							
56.704							
56.832							
56.96							
57.088							
57.216							
57.344							
57.472							
57.6							
57.728							
57.856							
57.984							
58.112							
58.24							
58.368							
58.496							
58.624							
58.752							
58.88							
59.008							
59.136							
59.264							
59.392							
59.52							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
59.648							
59.776							
59.904							
60.032							
60.16							
60.288							
60.416							
60.544							
60.672							
60.8							
60.928							
61.056							
61.184							
61.312							
61.44							
61.568							
61.696							
61.824							
61.952							
62.08							
62.208							
62.336							
62.464							
62.592							
62.72							
62.848							
62.976							
63.104							
63.232							
63.36							
63.488							
63.616							
63.744							
63.872							
64							
64.128							
64.256							
64.384							
64.512							
64.64							
64.768							
64.896							
65.024							
65.152							
65.28							
65.408							
65.536							
65.664							
65.792							
65.92							
66.048							
66.176							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
66.304							
66.432							
66.56							
66.688							
66.816							
66.944							
67.072							
67.2							
67.328							
67.456							
67.584							
67.712							
67.84							
67.968							
68.096							
68.224							
68.352							
68.48							
68.608							
68.736							
68.864							
68.992							
69.12							
69.248							
69.376							
69.504							
69.632							
69.76							
69.888							
70.016							
70.144							
70.272							
70.4							
70.528							
70.656							
70.784							
70.912							
71.04							
71.168							
71.296							
71.424							
71.552							
71.68							
71.808							
71.936							
72.064							
72.192							
72.32							
72.448							
72.576							
72.704							
72.832							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
72.96							
73.088							
73.216							
73.344							
73.472							
73.6							
73.728							
73.856							
73.984							
74.112							
74.24							
74.368							
74.496							
74.624							
74.752							
74.88							
75.008							
75.136							
75.264							
75.392							
75.52							
75.648							
75.776							
75.904							
76.032							
76.16							
76.288							
76.416							
76.544							
76.672							
76.8							
76.928							
77.056							
77.184							
77.312							
77.44							
77.568							
77.696							
77.824							
77.952							
78.08							
78.208							
78.336							
78.464							
78.592							
78.72							
78.848							
78.976							
79.104							
79.232							
79.36							
79.488							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
79.616							
79.744							
79.872							
80							
80.128							
80.256							
80.384							
80.512							
80.64							
80.768							
80.896							
81.024							
81.152							
81.28							
81.408							
81.536							
81.664							
81.792							
81.92							
82.048							
82.176							
82.304							
82.432							
82.56							
82.688							
82.816							
82.944							
83.072							
83.2							
83.328							
83.456							
83.584							
83.712							
83.84							
83.968							
84.096							
84.224							
84.352							
84.48							
84.608							
84.736							
84.864							
84.992							
85.12							
85.248							
85.376							
85.504							
85.632							
85.76							
85.888							
86.016							
86.144							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
86.272							
86.4							
86.528							
86.656							
86.784							
86.912							
87.04							
87.168							
87.296							
87.424							
87.552							
87.68							
87.808							
87.936							
88.064							
88.192							
88.32							
88.448							
88.576							
88.704							
88.832							
88.96							
89.088							
89.216							
89.344							
89.472							
89.6							
89.728							
89.856							
89.984							
90.112							
90.24							
90.368							
90.496							
90.624							
90.752							
90.88							
91.008							
91.136							
91.264							
91.392							
91.52							
91.648							
91.776							
91.904							
92.032							
92.16							
92.288							
92.416							
92.544							
92.672							
92.8							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
92.928							
93.056							
93.184							
93.312							
93.44							
93.568							
93.696							
93.824							
93.952							
94.08							
94.208							
94.336							
94.464							
94.592							
94.72							
94.848							
94.976							
95.104							
95.232							
95.36							
95.488							
95.616							
95.744							
95.872							
96							
96.128							
96.256							
96.384							
96.512							
96.64							
96.768							
96.896							
97.024							
97.152							
97.28							
97.408							
97.536							
97.664							
97.792							
97.92							
98.048							
98.176							
98.304							
98.432							
98.56							
98.688							
98.816							
98.944							
99.072							
99.2							
99.328							
99.456							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
99.584							
99.712							
99.84							
99.968							
100.096							
100.224							
100.352							
100.48							
100.608							
100.736							
100.864							
100.992							
101.12							
101.248							
101.376							
101.504							
101.632							
101.76							
101.888							
102.016							
102.144							
102.272							
102.4							
102.528							
102.656							
102.784							
102.912							
103.04							
103.168							
103.296							
103.424							
103.552							
103.68							
103.808							
103.936							
104.064							
104.192							
104.32							
104.448							
104.576							
104.704							
104.832							
104.96							
105.088							
105.216							
105.344							
105.472							
105.6							
105.728							
105.856							
105.984							
106.112							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
106.24							
106.368							
106.496							
106.624							
106.752							
106.88							
107.008							
107.136							
107.264							
107.392							
107.52							
107.648							
107.776							
107.904							
108.032							
108.16							
108.288							
108.416							
108.544							
108.672							
108.8							
108.928							
109.056							
109.184							
109.312							
109.44							
109.568							
109.696							
109.824							
109.952							
110.08							
110.208							
110.336							
110.464							
110.592							
110.72							
110.848							
110.976							
111.104							
111.232							
111.36							
111.488							
111.616							
111.744							
111.872							
112							
112.128							
112.256							
112.384							
112.512							
112.64							
112.768							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
112.896							
113.024							
113.152							
113.28							
113.408							
113.536							
113.664							
113.792							
113.92							
114.048							
114.176							
114.304							
114.432							
114.56							
114.688							
114.816							
114.944							
115.072							
115.2							
115.328							
115.456							
115.584							
115.712							
115.84							
115.968							
116.096							
116.224							
116.352							
116.48							
116.608							
116.736							
116.864							
116.992							
117.12							
117.248							
117.376							
117.504							
117.632							
117.76							
117.888							
118.016							
118.144							
118.272							
118.4							
118.528							
118.656							
118.784							
118.912							
119.04							
119.168							
119.296							
119.424							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
119.552							
119.68							
119.808							
119.936							
120.064							
120.192							
120.32							
120.448							
120.576							
120.704							
120.832							
120.96							
121.088							
121.216							
121.344							
121.472							
121.6							
121.728							
121.856							
121.984							
122.112							
122.24							
122.368							
122.496							
122.624							
122.752							
122.88							
123.008							
123.136							
123.264							
123.392							
123.52							
123.648							
123.776							
123.904							
124.032							
124.16							
124.288							
124.416							
124.544							
124.672							
124.8							
124.928							
125.056							
125.184							
125.312							
125.44							
125.568							
125.696							
125.824							
125.952							
126.08							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
126.208							
126.336							
126.464							
126.592							
126.72							
126.848							
126.976							
127.104							
127.232							
127.36							
127.488							
127.616							
127.744							
127.872							
128							
128.128							
128.256							
128.384							
128.512							
128.64							
128.768							
128.896							
129.024							
129.152							
129.28							
129.408							
129.536							
129.664							
129.792							
129.92							
130.048							
130.176							
130.304							
130.432							
130.56							
130.688							
130.816							
130.944							
131.072							
131.2							
131.328							
131.456							
131.584							
131.712							
131.84							
131.968							
132.096							
132.224							
132.352							
132.48							
132.608							
132.736							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
132.864							
132.992							
133.12							
133.248							
133.376							
133.504							
133.632							
133.76							
133.888							
134.016							
134.144							
134.272							
134.4							
134.528							
134.656							
134.784							
134.912							
135.04							
135.168							
135.296							
135.424							
135.552							
135.68							
135.808							
135.936							
136.064							
136.192							
136.32							
136.448							
136.576							
136.704							
136.832							
136.96							
137.088							
137.216							
137.344							
137.472							
137.6							
137.728							
137.856							
137.984							
138.112							
138.24							
138.368							
138.496							
138.624							
138.752							
138.88							
139.008							
139.136							
139.264							
139.392							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
139.52							
139.648							
139.776							
139.904							
140.032							
140.16							
140.288							
140.416							
140.544							
140.672							
140.8							
140.928							
141.056							
141.184							
141.312							
141.44							
141.568							
141.696							
141.824							
141.952							
142.08							
142.208							
142.336							
142.464							
142.592							
142.72							
142.848							
142.976							
143.104							
143.232							
143.36							
143.488							
143.616							
143.744							
143.872							
144							
144.128							
144.256							
144.384							
144.512							
144.64							
144.768							
144.896							
145.024							
145.152							
145.28							
145.408							
145.536							
145.664							
145.792							
145.92							
146.048							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
146.176							
146.304							
146.432							
146.56							
146.688							
146.816							
146.944							
147.072							
147.2							
147.328							
147.456							
147.584							
147.712							
147.84							
147.968							
148.096							
148.224							
148.352							
148.48							
148.608							
148.736							
148.864							
148.992							
149.12							
149.248							
149.376							
149.504							
149.632							
149.76							
149.888							
150.016							
150.144							
150.272							
150.4							
150.528							
150.656							
150.784							
150.912							
151.04							
151.168							
151.296							
151.424							
151.552							
151.68							
151.808							
151.936							
152.064							
152.192							
152.32							
152.448							
152.576							
152.704							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
152.832							
152.96							
153.088							
153.216							
153.344							
153.472							
153.6							
153.728							
153.856							
153.984							
154.112							
154.24							
154.368							
154.496							
154.624							
154.752							
154.88							
155.008							
155.136							
155.264							
155.392							
155.52							
155.648							
155.776							
155.904							
156.032							
156.16							
156.288							
156.416							
156.544							
156.672							
156.8							
156.928							
157.056							
157.184							
157.312							
157.44							
157.568							
157.696							
157.824							
157.952							
158.08							
158.208							
158.336							
158.464							
158.592							
158.72							
158.848							
158.976							
159.104							
159.232							
159.36							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
159.488							
159.616							
159.744							
159.872							
160							
160.128							
160.256							
160.384							
160.512							
160.64							
160.768							
160.896							
161.024							
161.152							
161.28							
161.408							
161.536							
161.664							
161.792							
161.92							
162.048							
162.176							
162.304							
162.432							
162.56							
162.688							
162.816							
162.944							
163.072							
163.2							
163.328							
163.456							
163.584							
163.712							
163.84							
163.968							
164.096							
164.224							
164.352							
164.48							
164.608							
164.736							
164.864							
164.992							
165.12							
165.248							
165.376							
165.504							
165.632							
165.76							
165.888							
166.016							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
166.144							
166.272							
166.4							
166.528							
166.656							
166.784							
166.912							
167.04							
167.168							
167.296							
167.424							
167.552							
167.68							
167.808							
167.936							
168.064							
168.192							
168.32							
168.448							
168.576							
168.704							
168.832							
168.96							
169.088							
169.216							
169.344							
169.472							
169.6							
169.728							
169.856							
169.984							
170.112							
170.24							
170.368							
170.496							
170.624							
170.752							
170.88							
171.008							
171.136							
171.264							
171.392							
171.52							
171.648							
171.776							
171.904							
172.032							
172.16							
172.288							
172.416							
172.544							
172.672							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
172.8							
172.928							
173.056							
173.184							
173.312							
173.44							
173.568							
173.696							
173.824							
173.952							
174.08							
174.208							
174.336							
174.464							
174.592							
174.72							
174.848							
174.976							
175.104							
175.232							
175.36							
175.488							
175.616							
175.744							
175.872							
176							
176.128							
176.256							
176.384							
176.512							
176.64							
176.768							
176.896							
177.024							
177.152							
177.28							
177.408							
177.536							
177.664							
177.792							
177.92							
178.048							
178.176							
178.304							
178.432							
178.56							
178.688							
178.816							
178.944							
179.072							
179.2							
179.328							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
179.456							
179.584							
179.712							
179.84							
179.968							
180.096							
180.224							
180.352							
180.48							
180.608							
180.736							
180.864							
180.992							
181.12							
181.248							
181.376							
181.504							
181.632							
181.76							
181.888							
182.016							
182.144							
182.272							
182.4							
182.528							
182.656							
182.784							
182.912							
183.04							
183.168							
183.296							
183.424							
183.552							
183.68							
183.808							
183.936							
184.064							
184.192							
184.32							
184.448							
184.576							
184.704							
184.832							
184.96							
185.088							
185.216							
185.344							
185.472							
185.6							
185.728							
185.856							
185.984							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
186.112							
186.24							
186.368							
186.496							
186.624							
186.752							
186.88							
187.008							
187.136							
187.264							
187.392							
187.52							
187.648							
187.776							
187.904							
188.032							
188.16							
188.288							
188.416							
188.544							
188.672							
188.8							
188.928							
189.056							
189.184							
189.312							
189.44							
189.568							
189.696							
189.824							
189.952							
190.08							
190.208							
190.336							
190.464							
190.592							
190.72							
190.848							
190.976							
191.104							
191.232							
191.36							
191.488							
191.616							
191.744							
191.872							
192							
192.128							
192.256							
192.384							
192.512							
192.64							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
192.768							
192.896							
193.024							
193.152							
193.28							
193.408							
193.536							
193.664							
193.792							
193.92							
194.048							
194.176							
194.304							
194.432							
194.56							
194.688							
194.816							
194.944							
195.072							
195.2							
195.328							
195.456							
195.584							
195.712							
195.84							
195.968							
196.096							
196.224							
196.352							
196.48							
196.608							
196.736							
196.864							
196.992							
197.12							
197.248							
197.376							
197.504							
197.632							
197.76							
197.888							
198.016							
198.144							
198.272							
198.4							
198.528							
198.656							
198.784							
198.912							
199.04							
199.168							
199.296							

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)	TC-101 (°C)
199.424							
199.552							
199.68							
199.808							
199.936							
200.064							
200.192							
200.32							
200.448							
200.576							
200.704							
200.832							
200.96							
201.088							
201.216							
201.344							
201.472							
201.6							
201.728							
201.856							
201.984							
202.112							
202.24							
202.368							
202.496							
202.624							
202.752							
202.88							
203.008							
203.136							
203.264							
203.392							
203.52							
203.648							
203.776							
203.904							
204.032							
204.16							
204.288							
204.416							
204.544							
204.672							
204.8							
204.928							

4.3.5 Data of Case-02-01 Test

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
0						
0.128						
0.256						
0.384						
0.512						
0.64						
0.768						
0.896						
1.024						
1.152						
1.28						
1.408						
1.536						
1.664						
1.792						
1.92						
2.048						
2.176						
2.304						
2.432						
2.56						
2.688						
2.816						
2.944						
3.072						
3.2						
3.328						
3.456						
3.584						
3.712						
3.84						
3.968						
4.096						
4.224						
4.352						
4.48						
4.608						
4.736						
4.864						
4.992						
5.12						
5.248						
5.376						
5.504						
5.632						
5.76						
5.888						
6.016						
6.144						
6.272						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
6.4						
6.528						
6.656						
6.784						
6.912						
7.04						
7.168						
7.296						
7.424						
7.552						
7.68						
7.808						
7.936						
8.064						
8.192						
8.32						
8.448						
8.576						
8.704						
8.832						
8.96						
9.088						
9.216						
9.344						
9.472						
9.6						
9.728						
9.856						
9.984						
10.112						
10.24						
10.368						
10.496						
10.624						
10.752						
10.88						
11.008						
11.136						
11.264						
11.392						
11.52						
11.648						
11.776						
11.904						
12.032						
12.16						
12.288						
12.416						
12.544						
12.672						
12.8						
12.928						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
13.056						
13.184						
13.312						
13.44						
13.568						
13.696						
13.824						
13.952						
14.08						
14.208						
14.336						
14.464						
14.592						
14.72						
14.848						
14.976						
15.104						
15.232						
15.36						
15.488						
15.616						
15.744						
15.872						
16						
16.128						
16.256						
16.384						
16.512						
16.64						
16.768						
16.896						
17.024						
17.152						
17.28						
17.408						
17.536						
17.664						
17.792						
17.92						
18.048						
18.176						
18.304						
18.432						
18.56						
18.688						
18.816						
18.944						
19.072						
19.2						
19.328						
19.456						
19.584						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
19.712						
19.84						
19.968						
20.096						
20.224						
20.352						
20.48						
20.608						
20.736						
20.864						
20.992						
21.12						
21.248						
21.376						
21.504						
21.632						
21.76						
21.888						
22.016						
22.144						
22.272						
22.4						
22.528						
22.656						
22.784						
22.912						
23.04						
23.168						
23.296						
23.424						
23.552						
23.68						
23.808						
23.936						
24.064						
24.192						
24.32						
24.448						
24.576						
24.704						
24.832						
24.96						
25.088						
25.216						
25.344						
25.472						
25.6						
25.728						
25.856						
25.984						
26.112						
26.24						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
26.368						
26.496						
26.624						
26.752						
26.88						
27.008						
27.136						
27.264						
27.392						
27.52						
27.648						
27.776						
27.904						
28.032						
28.16						
28.288						
28.416						
28.544						
28.672						
28.8						
28.928						
29.056						
29.184						
29.312						
29.44						
29.568						
29.696						
29.824						
29.952						
30.08						
30.208						
30.336						
30.464						
30.592						
30.72						
30.848						
30.976						
31.104						
31.232						
31.36						
31.488						
31.616						
31.744						
31.872						
32						
32.128						
32.256						
32.384						
32.512						
32.64						
32.768						
32.896						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
33.024						
33.152						
33.28						
33.408						
33.536						
33.664						
33.792						
33.92						
34.048						
34.176						
34.304						
34.432						
34.56						
34.688						
34.816						
34.944						
35.072						
35.2						
35.328						
35.456						
35.584						
35.712						
35.84						
35.968						
36.096						
36.224						
36.352						
36.48						
36.608						
36.736						
36.864						
36.992						
37.12						
37.248						
37.376						
37.504						
37.632						
37.76						
37.888						
38.016						
38.144						
38.272						
38.4						
38.528						
38.656						
38.784						
38.912						
39.04						
39.168						
39.296						
39.424						
39.552						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
39.68						
39.808						
39.936						
40.064						
40.192						
40.32						
40.448						
40.576						
40.704						
40.832						
40.96						
41.088						
41.216						
41.344						
41.472						
41.6						
41.728						
41.856						
41.984						
42.112						
42.24						
42.368						
42.496						
42.624						
42.752						
42.88						
43.008						
43.136						
43.264						
43.392						
43.52						
43.648						
43.776						
43.904						
44.032						
44.16						
44.288						
44.416						
44.544						
44.672						
44.8						
44.928						
45.056						
45.184						
45.312						
45.44						
45.568						
45.696						
45.824						
45.952						
46.08						
46.208						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
46.336						
46.464						
46.592						
46.72						
46.848						
46.976						
47.104						
47.232						
47.36						
47.488						
47.616						
47.744						
47.872						
48						
48.128						
48.256						
48.384						
48.512						
48.64						
48.768						
48.896						
49.024						
49.152						
49.28						
49.408						
49.536						
49.664						
49.792						
49.92						
50.048						
50.176						
50.304						
50.432						
50.56						
50.688						
50.816						
50.944						
51.072						
51.2						
51.328						
51.456						
51.584						
51.712						
51.84						
51.968						
52.096						
52.224						
52.352						
52.48						
52.608						
52.736						
52.864						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
52.992						
53.12						
53.248						
53.376						
53.504						
53.632						
53.76						
53.888						
54.016						
54.144						
54.272						
54.4						
54.528						
54.656						
54.784						
54.912						
55.04						
55.168						
55.296						
55.424						
55.552						
55.68						
55.808						
55.936						
56.064						
56.192						
56.32						
56.448						
56.576						
56.704						
56.832						
56.96						
57.088						
57.216						
57.344						
57.472						
57.6						
57.728						
57.856						
57.984						
58.112						
58.24						
58.368						
58.496						
58.624						
58.752						
58.88						
59.008						
59.136						
59.264						
59.392						
59.52						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
59.648						
59.776						
59.904						
60.032						
60.16						
60.288						
60.416						
60.544						
60.672						
60.8						
60.928						
61.056						
61.184						
61.312						
61.44						
61.568						
61.696						
61.824						
61.952						
62.08						
62.208						
62.336						
62.464						
62.592						
62.72						
62.848						
62.976						
63.104						
63.232						
63.36						
63.488						
63.616						
63.744						
63.872						
64						
64.128						
64.256						
64.384						
64.512						
64.64						
64.768						
64.896						
65.024						
65.152						
65.28						
65.408						
65.536						
65.664						
65.792						
65.92						
66.048						
66.176						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
66.304						
66.432						
66.56						
66.688						
66.816						
66.944						
67.072						
67.2						
67.328						
67.456						
67.584						
67.712						
67.84						
67.968						
68.096						
68.224						
68.352						
68.48						
68.608						
68.736						
68.864						
68.992						
69.12						
69.248						
69.376						
69.504						
69.632						
69.76						
69.888						
70.016						
70.144						
70.272						
70.4						
70.528						
70.656						
70.784						
70.912						
71.04						
71.168						
71.296						
71.424						
71.552						
71.68						
71.808						
71.936						
72.064						
72.192						
72.32						
72.448						
72.576						
72.704						
72.832						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
72.96						
73.088						
73.216						
73.344						
73.472						
73.6						
73.728						
73.856						
73.984						
74.112						
74.24						
74.368						
74.496						
74.624						
74.752						
74.88						
75.008						
75.136						
75.264						
75.392						
75.52						
75.648						
75.776						
75.904						
76.032						
76.16						
76.288						
76.416						
76.544						
76.672						
76.8						
76.928						
77.056						
77.184						
77.312						
77.44						
77.568						
77.696						
77.824						
77.952						
78.08						
78.208						
78.336						
78.464						
78.592						
78.72						
78.848						
78.976						
79.104						
79.232						
79.36						
79.488						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
79.616						
79.744						
79.872						
80						
80.128						
80.256						
80.384						
80.512						
80.64						
80.768						
80.896						
81.024						
81.152						
81.28						
81.408						
81.536						
81.664						
81.792						
81.92						
82.048						
82.176						
82.304						
82.432						
82.56						
82.688						
82.816						
82.944						
83.072						
83.2						
83.328						
83.456						
83.584						
83.712						
83.84						
83.968						
84.096						
84.224						
84.352						
84.48						
84.608						
84.736						
84.864						
84.992						
85.12						
85.248						
85.376						
85.504						
85.632						
85.76						
85.888						
86.016						
86.144						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
86.272						
86.4						
86.528						
86.656						
86.784						
86.912						
87.04						
87.168						
87.296						
87.424						
87.552						
87.68						
87.808						
87.936						
88.064						
88.192						
88.32						
88.448						
88.576						
88.704						
88.832						
88.96						
89.088						
89.216						
89.344						
89.472						
89.6						
89.728						
89.856						
89.984						
90.112						
90.24						
90.368						
90.496						
90.624						
90.752						
90.88						
91.008						
91.136						
91.264						
91.392						
91.52						
91.648						
91.776						
91.904						
92.032						
92.16						
92.288						
92.416						
92.544						
92.672						
92.8						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
92.928						
93.056						
93.184						
93.312						
93.44						
93.568						
93.696						
93.824						
93.952						
94.08						
94.208						
94.336						
94.464						
94.592						
94.72						
94.848						
94.976						
95.104						
95.232						
95.36						
95.488						
95.616						
95.744						
95.872						
96						
96.128						
96.256						
96.384						
96.512						
96.64						
96.768						
96.896						
97.024						
97.152						
97.28						
97.408						
97.536						
97.664						
97.792						
97.92						
98.048						
98.176						
98.304						
98.432						
98.56						
98.688						
98.816						
98.944						
99.072						
99.2						
99.328						
99.456						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
99.584						
99.712						
99.84						
99.968						
100.096						
100.224						
100.352						
100.48						
100.608						
100.736						
100.864						
100.992						
101.12						
101.248						
101.376						
101.504						
101.632						
101.76						
101.888						
102.016						
102.144						
102.272						
102.4						
102.528						
102.656						
102.784						
102.912						
103.04						
103.168						
103.296						
103.424						
103.552						
103.68						
103.808						
103.936						
104.064						
104.192						
104.32						
104.448						
104.576						
104.704						
104.832						
104.96						
105.088						
105.216						
105.344						
105.472						
105.6						
105.728						
105.856						
105.984						
106.112						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
106.24						
106.368						
106.496						
106.624						
106.752						
106.88						
107.008						
107.136						
107.264						
107.392						
107.52						
107.648						
107.776						
107.904						
108.032						
108.16						
108.288						
108.416						
108.544						
108.672						
108.8						
108.928						
109.056						
109.184						
109.312						
109.44						
109.568						
109.696						
109.824						
109.952						
110.08						
110.208						
110.336						
110.464						
110.592						
110.72						
110.848						
110.976						
111.104						
111.232						
111.36						
111.488						
111.616						
111.744						
111.872						
112						
112.128						
112.256						
112.384						
112.512						
112.64						
112.768						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
112.896						
113.024						
113.152						
113.28						
113.408						
113.536						
113.664						
113.792						
113.92						
114.048						
114.176						
114.304						
114.432						
114.56						
114.688						
114.816						
114.944						
115.072						
115.2						
115.328						
115.456						
115.584						
115.712						
115.84						
115.968						
116.096						
116.224						
116.352						
116.48						
116.608						
116.736						
116.864						
116.992						
117.12						
117.248						
117.376						
117.504						
117.632						
117.76						
117.888						
118.016						
118.144						
118.272						
118.4						
118.528						
118.656						
118.784						
118.912						
119.04						
119.168						
119.296						
119.424						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
119.552						
119.68						
119.808						
119.936						
120.064						
120.192						
120.32						
120.448						
120.576						
120.704						
120.832						
120.96						
121.088						
121.216						
121.344						
121.472						
121.6						
121.728						
121.856						
121.984						
122.112						
122.24						
122.368						
122.496						
122.624						
122.752						
122.88						
123.008						
123.136						
123.264						
123.392						
123.52						
123.648						
123.776						
123.904						
124.032						
124.16						
124.288						
124.416						
124.544						
124.672						
124.8						
124.928						
125.056						
125.184						
125.312						
125.44						
125.568						
125.696						
125.824						
125.952						
126.08						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
126.208						
126.336						
126.464						
126.592						
126.72						
126.848						
126.976						
127.104						
127.232						
127.36						
127.488						
127.616						
127.744						
127.872						
128						
128.128						
128.256						
128.384						
128.512						
128.64						
128.768						
128.896						
129.024						
129.152						
129.28						
129.408						
129.536						
129.664						
129.792						
129.92						
130.048						
130.176						
130.304						
130.432						
130.56						
130.688						
130.816						
130.944						
131.072						
131.2						
131.328						
131.456						
131.584						
131.712						
131.84						
131.968						
132.096						
132.224						
132.352						
132.48						
132.608						
132.736						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
132.864						
132.992						
133.12						
133.248						
133.376						
133.504						
133.632						
133.76						
133.888						
134.016						
134.144						
134.272						
134.4						
134.528						
134.656						
134.784						
134.912						
135.04						
135.168						
135.296						
135.424						
135.552						
135.68						
135.808						
135.936						
136.064						
136.192						
136.32						
136.448						
136.576						
136.704						
136.832						
136.96						
137.088						
137.216						
137.344						
137.472						
137.6						
137.728						
137.856						
137.984						
138.112						
138.24						
138.368						
138.496						
138.624						
138.752						
138.88						
139.008						
139.136						
139.264						
139.392						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
139.52						
139.648						
139.776						
139.904						
140.032						
140.16						
140.288						
140.416						
140.544						
140.672						
140.8						
140.928						
141.056						
141.184						
141.312						
141.44						
141.568						
141.696						
141.824						
141.952						
142.08						
142.208						
142.336						
142.464						
142.592						
142.72						
142.848						
142.976						
143.104						
143.232						
143.36						
143.488						
143.616						
143.744						
143.872						
144						
144.128						
144.256						
144.384						
144.512						
144.64						
144.768						
144.896						
145.024						
145.152						
145.28						
145.408						
145.536						
145.664						
145.792						
145.92						
146.048						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
146.176						
146.304						
146.432						
146.56						
146.688						
146.816						
146.944						
147.072						
147.2						
147.328						
147.456						
147.584						
147.712						
147.84						
147.968						
148.096						
148.224						
148.352						
148.48						
148.608						
148.736						
148.864						
148.992						
149.12						
149.248						
149.376						
149.504						
149.632						
149.76						
149.888						
150.016						
150.144						
150.272						
150.4						
150.528						
150.656						
150.784						
150.912						
151.04						
151.168						
151.296						
151.424						
151.552						
151.68						
151.808						
151.936						
152.064						
152.192						
152.32						
152.448						
152.576						
152.704						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
152.832						
152.96						
153.088						
153.216						
153.344						
153.472						
153.6						
153.728						
153.856						
153.984						
154.112						
154.24						
154.368						
154.496						
154.624						
154.752						
154.88						
155.008						
155.136						
155.264						
155.392						
155.52						
155.648						
155.776						
155.904						
156.032						
156.16						
156.288						
156.416						
156.544						
156.672						
156.8						
156.928						
157.056						
157.184						
157.312						
157.44						
157.568						
157.696						
157.824						
157.952						
158.08						
158.208						
158.336						
158.464						
158.592						
158.72						
158.848						
158.976						
159.104						
159.232						
159.36						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
159.488						
159.616						
159.744						
159.872						
160						
160.128						
160.256						
160.384						
160.512						
160.64						
160.768						
160.896						
161.024						
161.152						
161.28						
161.408						
161.536						
161.664						
161.792						
161.92						
162.048						
162.176						
162.304						
162.432						
162.56						
162.688						
162.816						
162.944						
163.072						
163.2						
163.328						
163.456						
163.584						
163.712						
163.84						
163.968						
164.096						
164.224						
164.352						
164.48						
164.608						
164.736						
164.864						
164.992						
165.12						
165.248						
165.376						
165.504						
165.632						
165.76						
165.888						
166.016						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
166.144						
166.272						
166.4						
166.528						
166.656						
166.784						
166.912						
167.04						
167.168						
167.296						
167.424						
167.552						
167.68						
167.808						
167.936						
168.064						
168.192						
168.32						
168.448						
168.576						
168.704						
168.832						
168.96						
169.088						
169.216						
169.344						
169.472						
169.6						
169.728						
169.856						
169.984						
170.112						
170.24						
170.368						
170.496						
170.624						
170.752						
170.88						
171.008						
171.136						
171.264						
171.392						
171.52						
171.648						
171.776						
171.904						
172.032						
172.16						
172.288						
172.416						
172.544						
172.672						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
172.8						
172.928						
173.056						
173.184						
173.312						
173.44						
173.568						
173.696						
173.824						
173.952						
174.08						
174.208						
174.336						
174.464						
174.592						
174.72						
174.848						
174.976						
175.104						
175.232						
175.36						
175.488						
175.616						
175.744						
175.872						
176						
176.128						
176.256						
176.384						
176.512						
176.64						
176.768						
176.896						
177.024						
177.152						
177.28						
177.408						
177.536						
177.664						
177.792						
177.92						
178.048						
178.176						
178.304						
178.432						
178.56						
178.688						
178.816						
178.944						
179.072						
179.2						
179.328						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
179.456						
179.584						
179.712						
179.84						
179.968						
180.096						
180.224						
180.352						
180.48						
180.608						
180.736						
180.864						
180.992						
181.12						
181.248						
181.376						
181.504						
181.632						
181.76						
181.888						
182.016						
182.144						
182.272						
182.4						
182.528						
182.656						
182.784						
182.912						
183.04						
183.168						
183.296						
183.424						
183.552						
183.68						
183.808						
183.936						
184.064						
184.192						
184.32						
184.448						
184.576						
184.704						
184.832						
184.96						
185.088						
185.216						
185.344						
185.472						
185.6						
185.728						
185.856						
185.984						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
186.112						
186.24						
186.368						
186.496						
186.624						
186.752						
186.88						
187.008						
187.136						
187.264						
187.392						
187.52						
187.648						
187.776						
187.904						
188.032						
188.16						
188.288						
188.416						
188.544						
188.672						
188.8						
188.928						
189.056						
189.184						
189.312						
189.44						
189.568						
189.696						
189.824						
189.952						

4.3.6 Data of Case-02-02 Test

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
0						
0.128						
0.256						
0.384						
0.512						
0.64						
0.768						
0.896						
1.024						
1.152						
1.28						
1.408						
1.536						
1.664						
1.792						
1.92						
2.048						
2.176						
2.304						
2.432						
2.56						
2.688						
2.816						
2.944						
3.072						
3.2						
3.328						
3.456						
3.584						
3.712						
3.84						
3.968						
4.096						
4.224						
4.352						
4.48						
4.608						
4.736						
4.864						
4.992						
5.12						
5.248						
5.376						
5.504						
5.632						
5.76						
5.888						
6.016						
6.144						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
6.272						
6.4						
6.528						
6.656						
6.784						
6.912						
7.04						
7.168						
7.296						
7.424						
7.552						
7.68						
7.808						
7.936						
8.064						
8.192						
8.32						
8.448						
8.576						
8.704						
8.832						
8.96						
9.088						
9.216						
9.344						
9.472						
9.6						
9.728						
9.856						
9.984						
10.112						
10.24						
10.368						
10.496						
10.624						
10.752						
10.88						
11.008						
11.136						
11.264						
11.392						
11.52						
11.648						
11.776						
11.904						
12.032						
12.16						
12.288						
12.416						
12.544						
12.672						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
12.8						
12.928						
13.056						
13.184						
13.312						
13.44						
13.568						
13.696						
13.824						
13.952						
14.08						
14.208						
14.336						
14.464						
14.592						
14.72						
14.848						
14.976						
15.104						
15.232						
15.36						
15.488						
15.616						
15.744						
15.872						
16						
16.128						
16.256						
16.384						
16.512						
16.64						
16.768						
16.896						
17.024						
17.152						
17.28						
17.408						
17.536						
17.664						
17.792						
17.92						
18.048						
18.176						
18.304						
18.432						
18.56						
18.688						
18.816						
18.944						
19.072						
19.2						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
19.328						
19.456						
19.584						
19.712						
19.84						
19.968						
20.096						
20.224						
20.352						
20.48						
20.608						
20.736						
20.864						
20.992						
21.12						
21.248						
21.376						
21.504						
21.632						
21.76						
21.888						
22.016						
22.144						
22.272						
22.4						
22.528						
22.656						
22.784						
22.912						
23.04						
23.168						
23.296						
23.424						
23.552						
23.68						
23.808						
23.936						
24.064						
24.192						
24.32						
24.448						
24.576						
24.704						
24.832						
24.96						
25.088						
25.216						
25.344						
25.472						
25.6						
25.728						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
25.856						
25.984						
26.112						
26.24						
26.368						
26.496						
26.624						
26.752						
26.88						
27.008						
27.136						
27.264						
27.392						
27.52						
27.648						
27.776						
27.904						
28.032						
28.16						
28.288						
28.416						
28.544						
28.672						
28.8						
28.928						
29.056						
29.184						
29.312						
29.44						
29.568						
29.696						
29.824						
29.952						
30.08						
30.208						
30.336						
30.464						
30.592						
30.72						
30.848						
30.976						
31.104						
31.232						
31.36						
31.488						
31.616						
31.744						
31.872						
32						
32.128						
32.256						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
32.384						
32.512						
32.64						
32.768						
32.896						
33.024						
33.152						
33.28						
33.408						
33.536						
33.664						
33.792						
33.92						
34.048						
34.176						
34.304						
34.432						
34.56						
34.688						
34.816						
34.944						
35.072						
35.2						
35.328						
35.456						
35.584						
35.712						
35.84						
35.968						
36.096						
36.224						
36.352						
36.48						
36.608						
36.736						
36.864						
36.992						
37.12						
37.248						
37.376						
37.504						
37.632						
37.76						
37.888						
38.016						
38.144						
38.272						
38.4						
38.528						
38.656						
38.784						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
38.912						
39.04						
39.168						
39.296						
39.424						
39.552						
39.68						
39.808						
39.936						
40.064						
40.192						
40.32						
40.448						
40.576						
40.704						
40.832						
40.96						
41.088						
41.216						
41.344						
41.472						
41.6						
41.728						
41.856						
41.984						
42.112						
42.24						
42.368						
42.496						
42.624						
42.752						
42.88						
43.008						
43.136						
43.264						
43.392						
43.52						
43.648						
43.776						
43.904						
44.032						
44.16						
44.288						
44.416						
44.544						
44.672						
44.8						
44.928						
45.056						
45.184						
45.312						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
45.44						
45.568						
45.696						
45.824						
45.952						
46.08						
46.208						
46.336						
46.464						
46.592						
46.72						
46.848						
46.976						
47.104						
47.232						
47.36						
47.488						
47.616						
47.744						
47.872						
48						
48.128						
48.256						
48.384						
48.512						
48.64						
48.768						
48.896						
49.024						
49.152						
49.28						
49.408						
49.536						
49.664						
49.792						
49.92						
50.048						
50.176						
50.304						
50.432						
50.56						
50.688						
50.816						
50.944						
51.072						
51.2						
51.328						
51.456						
51.584						
51.712						
51.84						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
51.968						
52.096						
52.224						
52.352						
52.48						
52.608						
52.736						
52.864						
52.992						
53.12						
53.248						
53.376						
53.504						
53.632						
53.76						
53.888						
54.016						
54.144						
54.272						
54.4						
54.528						
54.656						
54.784						
54.912						
55.04						
55.168						
55.296						
55.424						
55.552						
55.68						
55.808						
55.936						
56.064						
56.192						
56.32						
56.448						
56.576						
56.704						
56.832						
56.96						
57.088						
57.216						
57.344						
57.472						
57.6						
57.728						
57.856						
57.984						
58.112						
58.24						
58.368						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
58.496						
58.624						
58.752						
58.88						
59.008						
59.136						
59.264						
59.392						
59.52						
59.648						
59.776						
59.904						
60.032						
60.16						
60.288						
60.416						
60.544						
60.672						
60.8						
60.928						
61.056						
61.184						
61.312						
61.44						
61.568						
61.696						
61.824						
61.952						
62.08						
62.208						
62.336						
62.464						
62.592						
62.72						
62.848						
62.976						
63.104						
63.232						
63.36						
63.488						
63.616						
63.744						
63.872						
64						
64.128						
64.256						
64.384						
64.512						
64.64						
64.768						
64.896						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
65.024						
65.152						
65.28						
65.408						
65.536						
65.664						
65.792						
65.92						
66.048						
66.176						
66.304						
66.432						
66.56						
66.688						
66.816						
66.944						
67.072						
67.2						
67.328						
67.456						
67.584						
67.712						
67.84						
67.968						
68.096						
68.224						
68.352						
68.48						
68.608						
68.736						
68.864						
68.992						
69.12						
69.248						
69.376						
69.504						
69.632						
69.76						
69.888						
70.016						
70.144						
70.272						
70.4						
70.528						
70.656						
70.784						
70.912						
71.04						
71.168						
71.296						
71.424						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
71.552						
71.68						
71.808						
71.936						
72.064						
72.192						
72.32						
72.448						
72.576						
72.704						
72.832						
72.96						
73.088						
73.216						
73.344						
73.472						
73.6						
73.728						
73.856						
73.984						
74.112						
74.24						
74.368						
74.496						
74.624						
74.752						
74.88						
75.008						
75.136						
75.264						
75.392						
75.52						
75.648						
75.776						
75.904						
76.032						
76.16						
76.288						
76.416						
76.544						
76.672						
76.8						
76.928						
77.056						
77.184						
77.312						
77.44						
77.568						
77.696						
77.824						
77.952						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
78.08						
78.208						
78.336						
78.464						
78.592						
78.72						
78.848						
78.976						
79.104						
79.232						
79.36						
79.488						
79.616						
79.744						
79.872						
80						
80.128						
80.256						
80.384						
80.512						
80.64						
80.768						
80.896						
81.024						
81.152						
81.28						
81.408						
81.536						
81.664						
81.792						
81.92						
82.048						
82.176						
82.304						
82.432						
82.56						
82.688						
82.816						
82.944						
83.072						
83.2						
83.328						
83.456						
83.584						
83.712						
83.84						
83.968						
84.096						
84.224						
84.352						
84.48						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
84.608						
84.736						
84.864						
84.992						
85.12						
85.248						
85.376						
85.504						
85.632						
85.76						
85.888						
86.016						
86.144						
86.272						
86.4						
86.528						
86.656						
86.784						
86.912						
87.04						
87.168						
87.296						
87.424						
87.552						
87.68						
87.808						
87.936						
88.064						
88.192						
88.32						
88.448						
88.576						
88.704						
88.832						
88.96						
89.088						
89.216						
89.344						
89.472						
89.6						
89.728						
89.856						
89.984						
90.112						
90.24						
90.368						
90.496						
90.624						
90.752						
90.88						
91.008						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
91.136						
91.264						
91.392						
91.52						
91.648						
91.776						
91.904						
92.032						
92.16						
92.288						
92.416						
92.544						
92.672						
92.8						
92.928						
93.056						
93.184						
93.312						
93.44						
93.568						
93.696						
93.824						
93.952						
94.08						
94.208						
94.336						
94.464						
94.592						
94.72						
94.848						
94.976						
95.104						
95.232						
95.36						
95.488						
95.616						
95.744						
95.872						
96						
96.128						
96.256						
96.384						
96.512						
96.64						
96.768						
96.896						
97.024						
97.152						
97.28						
97.408						
97.536						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
97.664						
97.792						
97.92						
98.048						
98.176						
98.304						
98.432						
98.56						
98.688						
98.816						
98.944						
99.072						
99.2						
99.328						
99.456						
99.584						
99.712						
99.84						
99.968						
100.096						
100.224						
100.352						
100.48						
100.608						
100.736						
100.864						
100.992						
101.12						
101.248						
101.376						
101.504						
101.632						
101.76						
101.888						
102.016						
102.144						
102.272						
102.4						
102.528						
102.656						
102.784						
102.912						
103.04						
103.168						
103.296						
103.424						
103.552						
103.68						
103.808						
103.936						
104.064						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
104.192						
104.32						
104.448						
104.576						
104.704						
104.832						
104.96						
105.088						
105.216						
105.344						
105.472						
105.6						
105.728						
105.856						
105.984						
106.112						
106.24						
106.368						
106.496						
106.624						
106.752						
106.88						
107.008						
107.136						
107.264						
107.392						
107.52						
107.648						
107.776						
107.904						
108.032						
108.16						
108.288						
108.416						
108.544						
108.672						
108.8						
108.928						
109.056						
109.184						
109.312						
109.44						
109.568						
109.696						
109.824						
109.952						
110.08						
110.208						
110.336						
110.464						
110.592						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
110.72						
110.848						
110.976						
111.104						
111.232						
111.36						
111.488						
111.616						
111.744						
111.872						
112						
112.128						
112.256						
112.384						
112.512						
112.64						
112.768						
112.896						
113.024						
113.152						
113.28						
113.408						
113.536						
113.664						
113.792						
113.92						
114.048						
114.176						
114.304						
114.432						
114.56						
114.688						
114.816						
114.944						
115.072						
115.2						
115.328						
115.456						
115.584						
115.712						
115.84						
115.968						
116.096						
116.224						
116.352						
116.48						
116.608						
116.736						
116.864						
116.992						
117.12						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
117.248						
117.376						
117.504						
117.632						
117.76						
117.888						
118.016						
118.144						
118.272						
118.4						
118.528						
118.656						
118.784						
118.912						
119.04						
119.168						
119.296						
119.424						
119.552						
119.68						
119.808						
119.936						
120.064						
120.192						
120.32						
120.448						
120.576						
120.704						
120.832						
120.96						
121.088						
121.216						
121.344						
121.472						
121.6						
121.728						
121.856						
121.984						
122.112						
122.24						
122.368						
122.496						
122.624						
122.752						
122.88						
123.008						
123.136						
123.264						
123.392						
123.52						
123.648						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
123.776						
123.904						
124.032						
124.16						
124.288						
124.416						
124.544						
124.672						
124.8						
124.928						
125.056						
125.184						
125.312						
125.44						
125.568						
125.696						
125.824						
125.952						
126.08						
126.208						
126.336						
126.464						
126.592						
126.72						
126.848						
126.976						
127.104						
127.232						
127.36						
127.488						
127.616						
127.744						
127.872						
128						
128.128						
128.256						
128.384						
128.512						
128.64						
128.768						
128.896						
129.024						
129.152						
129.28						
129.408						
129.536						
129.664						
129.792						
129.92						
130.048						
130.176						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
130.304						
130.432						
130.56						
130.688						
130.816						
130.944						
131.072						
131.2						
131.328						
131.456						
131.584						
131.712						
131.84						
131.968						
132.096						
132.224						
132.352						
132.48						
132.608						
132.736						
132.864						
132.992						
133.12						
133.248						
133.376						
133.504						
133.632						
133.76						
133.888						
134.016						
134.144						
134.272						
134.4						
134.528						
134.656						
134.784						
134.912						
135.04						
135.168						
135.296						
135.424						
135.552						
135.68						
135.808						
135.936						
136.064						
136.192						
136.32						
136.448						
136.576						
136.704						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
136.832						
136.96						
137.088						
137.216						
137.344						
137.472						
137.6						
137.728						
137.856						
137.984						
138.112						
138.24						
138.368						
138.496						
138.624						
138.752						
138.88						
139.008						
139.136						
139.264						
139.392						
139.52						
139.648						
139.776						
139.904						
140.032						
140.16						
140.288						
140.416						
140.544						
140.672						
140.8						
140.928						
141.056						
141.184						
141.312						
141.44						
141.568						
141.696						
141.824						
141.952						
142.08						
142.208						
142.336						
142.464						
142.592						
142.72						
142.848						
142.976						
143.104						
143.232						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
143.36						
143.488						
143.616						
143.744						
143.872						
144						
144.128						
144.256						
144.384						
144.512						
144.64						
144.768						
144.896						
145.024						
145.152						
145.28						
145.408						
145.536						
145.664						
145.792						
145.92						
146.048						
146.176						
146.304						
146.432						
146.56						
146.688						
146.816						
146.944						
147.072						
147.2						
147.328						
147.456						
147.584						
147.712						
147.84						
147.968						
148.096						
148.224						
148.352						
148.48						
148.608						
148.736						
148.864						
148.992						
149.12						
149.248						
149.376						
149.504						
149.632						
149.76						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
149.888						
150.016						
150.144						
150.272						
150.4						
150.528						
150.656						
150.784						
150.912						
151.04						
151.168						
151.296						
151.424						
151.552						
151.68						
151.808						
151.936						
152.064						
152.192						
152.32						
152.448						
152.576						
152.704						
152.832						
152.96						
153.088						
153.216						
153.344						
153.472						
153.6						
153.728						
153.856						
153.984						
154.112						
154.24						
154.368						
154.496						
154.624						
154.752						
154.88						
155.008						
155.136						
155.264						
155.392						
155.52						
155.648						
155.776						
155.904						
156.032						
156.16						
156.288						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
156.416						
156.544						
156.672						
156.8						
156.928						
157.056						
157.184						
157.312						
157.44						
157.568						
157.696						
157.824						
157.952						
158.08						
158.208						
158.336						
158.464						
158.592						
158.72						
158.848						
158.976						
159.104						
159.232						
159.36						
159.488						
159.616						
159.744						
159.872						
160						
160.128						
160.256						
160.384						
160.512						
160.64						
160.768						
160.896						
161.024						
161.152						
161.28						
161.408						
161.536						
161.664						
161.792						
161.92						
162.048						
162.176						
162.304						
162.432						
162.56						
162.688						
162.816						



Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
162.944						
163.072						
163.2						
163.328						
163.456						
163.584						
163.712						
163.84						
163.968						
164.096						
164.224						
164.352						
164.48						
164.608						
164.736						
164.864						
164.992						
165.12						
165.248						
165.376						
165.504						
165.632						
165.76						
165.888						
166.016						
166.144						
166.272						
166.4						
166.528						
166.656						
166.784						
166.912						
167.04						
167.168						
167.296						
167.424						
167.552						
167.68						
167.808						
167.936						
168.064						
168.192						
168.32						
168.448						
168.576						
168.704						
168.832						
168.96						
169.088						
169.216						
169.344						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
169.472						
169.6						
169.728						
169.856						
169.984						
170.112						
170.24						
170.368						
170.496						
170.624						
170.752						
170.88						
171.008						
171.136						
171.264						
171.392						
171.52						
171.648						
171.776						
171.904						
172.032						
172.16						
172.288						
172.416						
172.544						
172.672						
172.8						
172.928						
173.056						
173.184						
173.312						
173.44						
173.568						
173.696						
173.824						
173.952						
174.08						
174.208						
174.336						
174.464						
174.592						
174.72						
174.848						
174.976						
175.104						
175.232						
175.36						
175.488						
175.616						
175.744						
175.872						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
176						
176.128						
176.256						
176.384						
176.512						
176.64						
176.768						
176.896						
177.024						
177.152						
177.28						
177.408						
177.536						
177.664						
177.792						
177.92						
178.048						
178.176						
178.304						
178.432						
178.56						
178.688						
178.816						
178.944						
179.072						
179.2						
179.328						
179.456						
179.584						
179.712						
179.84						
179.968						
180.096						
180.224						
180.352						
180.48						
180.608						
180.736						
180.864						
180.992						
181.12						
181.248						
181.376						
181.504						
181.632						
181.76						
181.888						
182.016						
182.144						
182.272						
182.4						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
182.528						
182.656						
182.784						
182.912						
183.04						
183.168						
183.296						
183.424						
183.552						
183.68						
183.808						
183.936						
184.064						
184.192						
184.32						
184.448						
184.576						
184.704						
184.832						
184.96						
185.088						
185.216						
185.344						
185.472						
185.6						
185.728						
185.856						
185.984						
186.112						
186.24						
186.368						
186.496						
186.624						
186.752						
186.88						
187.008						
187.136						
187.264						
187.392						
187.52						
187.648						
187.776						
187.904						
188.032						
188.16						
188.288						
188.416						
188.544						
188.672						
188.8						
188.928						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
189.056						
189.184						
189.312						
189.44						
189.568						
189.696						
189.824						
189.952						



4.3.7 Data of Case-02-03 Test

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
0						
0.128						
0.256						
0.384						
0.512						
0.64						
0.768						
0.896						
1.024						
1.152						
1.28						
1.408						
1.536						
1.664						
1.792						
1.92						
2.048						
2.176						
2.304						
2.432						
2.56						
2.688						
2.816						
2.944						
3.072						
3.2						
3.328						
3.456						
3.584						
3.712						
3.84						
3.968						
4.096						
4.224						
4.352						
4.48						
4.608						
4.736						
4.864						
4.992						
5.12						
5.248						
5.376						
5.504						
5.632						
5.76						
5.888						
6.016						
6.144						
6.272						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
6.4						
6.528						
6.656						
6.784						
6.912						
7.04						
7.168						
7.296						
7.424						
7.552						
7.68						
7.808						
7.936						
8.064						
8.192						
8.32						
8.448						
8.576						
8.704						
8.832						
8.96						
9.088						
9.216						
9.344						
9.472						
9.6						
9.728						
9.856						
9.984						
10.112						
10.24						
10.368						
10.496						
10.624						
10.752						
10.88						
11.008						
11.136						
11.264						
11.392						
11.52						
11.648						
11.776						
11.904						
12.032						
12.16						
12.288						
12.416						
12.544						
12.672						
12.8						
12.928						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
13.056						
13.184						
13.312						
13.44						
13.568						
13.696						
13.824						
13.952						
14.08						
14.208						
14.336						
14.464						
14.592						
14.72						
14.848						
14.976						
15.104						
15.232						
15.36						
15.488						
15.616						
15.744						
15.872						
16						
16.128						
16.256						
16.384						
16.512						
16.64						
16.768						
16.896						
17.024						
17.152						
17.28						
17.408						
17.536						
17.664						
17.792						
17.92						
18.048						
18.176						
18.304						
18.432						
18.56						
18.688						
18.816						
18.944						
19.072						
19.2						
19.328						
19.456						
19.584						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
19.712						
19.84						
19.968						
20.096						
20.224						
20.352						
20.48						
20.608						
20.736						
20.864						
20.992						
21.12						
21.248						
21.376						
21.504						
21.632						
21.76						
21.888						
22.016						
22.144						
22.272						
22.4						
22.528						
22.656						
22.784						
22.912						
23.04						
23.168						
23.296						
23.424						
23.552						
23.68						
23.808						
23.936						
24.064						
24.192						
24.32						
24.448						
24.576						
24.704						
24.832						
24.96						
25.088						
25.216						
25.344						
25.472						
25.6						
25.728						
25.856						
25.984						
26.112						
26.24						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
26.368						
26.496						
26.624						
26.752						
26.88						
27.008						
27.136						
27.264						
27.392						
27.52						
27.648						
27.776						
27.904						
28.032						
28.16						
28.288						
28.416						
28.544						
28.672						
28.8						
28.928						
29.056						
29.184						
29.312						
29.44						
29.568						
29.696						
29.824						
29.952						
30.08						
30.208						
30.336						
30.464						
30.592						
30.72						
30.848						
30.976						
31.104						
31.232						
31.36						
31.488						
31.616						
31.744						
31.872						
32						
32.128						
32.256						
32.384						
32.512						
32.64						
32.768						
32.896						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
33.024						
33.152						
33.28						
33.408						
33.536						
33.664						
33.792						
33.92						
34.048						
34.176						
34.304						
34.432						
34.56						
34.688						
34.816						
34.944						
35.072						
35.2						
35.328						
35.456						
35.584						
35.712						
35.84						
35.968						
36.096						
36.224						
36.352						
36.48						
36.608						
36.736						
36.864						
36.992						
37.12						
37.248						
37.376						
37.504						
37.632						
37.76						
37.888						
38.016						
38.144						
38.272						
38.4						
38.528						
38.656						
38.784						
38.912						
39.04						
39.168						
39.296						
39.424						
39.552						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
39.68						
39.808						
39.936						
40.064						
40.192						
40.32						
40.448						
40.576						
40.704						
40.832						
40.96						
41.088						
41.216						
41.344						
41.472						
41.6						
41.728						
41.856						
41.984						
42.112						
42.24						
42.368						
42.496						
42.624						
42.752						
42.88						
43.008						
43.136						
43.264						
43.392						
43.52						
43.648						
43.776						
43.904						
44.032						
44.16						
44.288						
44.416						
44.544						
44.672						
44.8						
44.928						
45.056						
45.184						
45.312						
45.44						
45.568						
45.696						
45.824						
45.952						
46.08						
46.208						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
46.336						
46.464						
46.592						
46.72						
46.848						
46.976						
47.104						
47.232						
47.36						
47.488						
47.616						
47.744						
47.872						
48						
48.128						
48.256						
48.384						
48.512						
48.64						
48.768						
48.896						
49.024						
49.152						
49.28						
49.408						
49.536						
49.664						
49.792						
49.92						
50.048						
50.176						
50.304						
50.432						
50.56						
50.688						
50.816						
50.944						
51.072						
51.2						
51.328						
51.456						
51.584						
51.712						
51.84						
51.968						
52.096						
52.224						
52.352						
52.48						
52.608						
52.736						
52.864						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
52.992						
53.12						
53.248						
53.376						
53.504						
53.632						
53.76						
53.888						
54.016						
54.144						
54.272						
54.4						
54.528						
54.656						
54.784						
54.912						
55.04						
55.168						
55.296						
55.424						
55.552						
55.68						
55.808						
55.936						
56.064						
56.192						
56.32						
56.448						
56.576						
56.704						
56.832						
56.96						
57.088						
57.216						
57.344						
57.472						
57.6						
57.728						
57.856						
57.984						
58.112						
58.24						
58.368						
58.496						
58.624						
58.752						
58.88						
59.008						
59.136						
59.264						
59.392						
59.52						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
59.648						
59.776						
59.904						
60.032						
60.16						
60.288						
60.416						
60.544						
60.672						
60.8						
60.928						
61.056						
61.184						
61.312						
61.44						
61.568						
61.696						
61.824						
61.952						
62.08						
62.208						
62.336						
62.464						
62.592						
62.72						
62.848						
62.976						
63.104						
63.232						
63.36						
63.488						
63.616						
63.744						
63.872						
64						
64.128						
64.256						
64.384						
64.512						
64.64						
64.768						
64.896						
65.024						
65.152						
65.28						
65.408						
65.536						
65.664						
65.792						
65.92						
66.048						
66.176						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
66.304						
66.432						
66.56						
66.688						
66.816						
66.944						
67.072						
67.2						
67.328						
67.456						
67.584						
67.712						
67.84						
67.968						
68.096						
68.224						
68.352						
68.48						
68.608						
68.736						
68.864						
68.992						
69.12						
69.248						
69.376						
69.504						
69.632						
69.76						
69.888						
70.016						
70.144						
70.272						
70.4						
70.528						
70.656						
70.784						
70.912						
71.04						
71.168						
71.296						
71.424						
71.552						
71.68						
71.808						
71.936						
72.064						
72.192						
72.32						
72.448						
72.576						
72.704						
72.832						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
72.96						
73.088						
73.216						
73.344						
73.472						
73.6						
73.728						
73.856						
73.984						
74.112						
74.24						
74.368						
74.496						
74.624						
74.752						
74.88						
75.008						
75.136						
75.264						
75.392						
75.52						
75.648						
75.776						
75.904						
76.032						
76.16						
76.288						
76.416						
76.544						
76.672						
76.8						
76.928						
77.056						
77.184						
77.312						
77.44						
77.568						
77.696						
77.824						
77.952						
78.08						
78.208						
78.336						
78.464						
78.592						
78.72						
78.848						
78.976						
79.104						
79.232						
79.36						
79.488						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
79.616						
79.744						
79.872						
80						
80.128						
80.256						
80.384						
80.512						
80.64						
80.768						
80.896						
81.024						
81.152						
81.28						
81.408						
81.536						
81.664						
81.792						
81.92						
82.048						
82.176						
82.304						
82.432						
82.56						
82.688						
82.816						
82.944						
83.072						
83.2						
83.328						
83.456						
83.584						
83.712						
83.84						
83.968						
84.096						
84.224						
84.352						
84.48						
84.608						
84.736						
84.864						
84.992						
85.12						
85.248						
85.376						
85.504						
85.632						
85.76						
85.888						
86.016						
86.144						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
86.272						
86.4						
86.528						
86.656						
86.784						
86.912						
87.04						
87.168						
87.296						
87.424						
87.552						
87.68						
87.808						
87.936						
88.064						
88.192						
88.32						
88.448						
88.576						
88.704						
88.832						
88.96						
89.088						
89.216						
89.344						
89.472						
89.6						
89.728						
89.856						
89.984						
90.112						
90.24						
90.368						
90.496						
90.624						
90.752						
90.88						
91.008						
91.136						
91.264						
91.392						
91.52						
91.648						
91.776						
91.904						
92.032						
92.16						
92.288						
92.416						
92.544						
92.672						
92.8						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
92.928						
93.056						
93.184						
93.312						
93.44						
93.568						
93.696						
93.824						
93.952						
94.08						
94.208						
94.336						
94.464						
94.592						
94.72						
94.848						
94.976						
95.104						
95.232						
95.36						
95.488						
95.616						
95.744						
95.872						
96						
96.128						
96.256						
96.384						
96.512						
96.64						
96.768						
96.896						
97.024						
97.152						
97.28						
97.408						
97.536						
97.664						
97.792						
97.92						
98.048						
98.176						
98.304						
98.432						
98.56						
98.688						
98.816						
98.944						
99.072						
99.2						
99.328						
99.456						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
99.584						
99.712						
99.84						
99.968						
100.096						
100.224						
100.352						
100.48						
100.608						
100.736						
100.864						
100.992						
101.12						
101.248						
101.376						
101.504						
101.632						
101.76						
101.888						
102.016						
102.144						
102.272						
102.4						
102.528						
102.656						
102.784						
102.912						
103.04						
103.168						
103.296						
103.424						
103.552						
103.68						
103.808						
103.936						
104.064						
104.192						
104.32						
104.448						
104.576						
104.704						
104.832						
104.96						
105.088						
105.216						
105.344						
105.472						
105.6						
105.728						
105.856						
105.984						
106.112						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
106.24						
106.368						
106.496						
106.624						
106.752						
106.88						
107.008						
107.136						
107.264						
107.392						
107.52						
107.648						
107.776						
107.904						
108.032						
108.16						
108.288						
108.416						
108.544						
108.672						
108.8						
108.928						
109.056						
109.184						
109.312						
109.44						
109.568						
109.696						
109.824						
109.952						
110.08						
110.208						
110.336						
110.464						
110.592						
110.72						
110.848						
110.976						
111.104						
111.232						
111.36						
111.488						
111.616						
111.744						
111.872						
112						
112.128						
112.256						
112.384						
112.512						
112.64						
112.768						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
112.896						
113.024						
113.152						
113.28						
113.408						
113.536						
113.664						
113.792						
113.92						
114.048						
114.176						
114.304						
114.432						
114.56						
114.688						
114.816						
114.944						
115.072						
115.2						
115.328						
115.456						
115.584						
115.712						
115.84						
115.968						
116.096						
116.224						
116.352						
116.48						
116.608						
116.736						
116.864						
116.992						
117.12						
117.248						
117.376						
117.504						
117.632						
117.76						
117.888						
118.016						
118.144						
118.272						
118.4						
118.528						
118.656						
118.784						
118.912						
119.04						
119.168						
119.296						
119.424						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
119.552						
119.68						
119.808						
119.936						
120.064						
120.192						
120.32						
120.448						
120.576						
120.704						
120.832						
120.96						
121.088						
121.216						
121.344						
121.472						
121.6						
121.728						
121.856						
121.984						
122.112						
122.24						
122.368						
122.496						
122.624						
122.752						
122.88						
123.008						
123.136						
123.264						
123.392						
123.52						
123.648						
123.776						
123.904						
124.032						
124.16						
124.288						
124.416						
124.544						
124.672						
124.8						
124.928						
125.056						
125.184						
125.312						
125.44						
125.568						
125.696						
125.824						
125.952						
126.08						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
126.208						
126.336						
126.464						
126.592						
126.72						
126.848						
126.976						
127.104						
127.232						
127.36						
127.488						
127.616						
127.744						
127.872						
128						
128.128						
128.256						
128.384						
128.512						
128.64						
128.768						
128.896						
129.024						
129.152						
129.28						
129.408						
129.536						
129.664						
129.792						
129.92						
130.048						
130.176						
130.304						
130.432						
130.56						
130.688						
130.816						
130.944						
131.072						
131.2						
131.328						
131.456						
131.584						
131.712						
131.84						
131.968						
132.096						
132.224						
132.352						
132.48						
132.608						
132.736						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
132.864						
132.992						
133.12						
133.248						
133.376						
133.504						
133.632						
133.76						
133.888						
134.016						
134.144						
134.272						
134.4						
134.528						
134.656						
134.784						
134.912						
135.04						
135.168						
135.296						
135.424						
135.552						
135.68						
135.808						
135.936						
136.064						
136.192						
136.32						
136.448						
136.576						
136.704						
136.832						
136.96						
137.088						
137.216						
137.344						
137.472						
137.6						
137.728						
137.856						
137.984						
138.112						
138.24						
138.368						
138.496						
138.624						
138.752						
138.88						
139.008						
139.136						
139.264						
139.392						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
139.52						
139.648						
139.776						
139.904						
140.032						
140.16						
140.288						
140.416						
140.544						
140.672						
140.8						
140.928						
141.056						
141.184						
141.312						
141.44						
141.568						
141.696						
141.824						
141.952						
142.08						
142.208						
142.336						
142.464						
142.592						
142.72						
142.848						
142.976						
143.104						
143.232						
143.36						
143.488						
143.616						
143.744						
143.872						
144						
144.128						
144.256						
144.384						
144.512						
144.64						
144.768						
144.896						
145.024						
145.152						
145.28						
145.408						
145.536						
145.664						
145.792						
145.92						
146.048						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
146.176						
146.304						
146.432						
146.56						
146.688						
146.816						
146.944						
147.072						
147.2						
147.328						
147.456						
147.584						
147.712						
147.84						
147.968						
148.096						
148.224						
148.352						
148.48						
148.608						
148.736						
148.864						
148.992						
149.12						
149.248						
149.376						
149.504						
149.632						
149.76						
149.888						
150.016						
150.144						
150.272						
150.4						
150.528						
150.656						
150.784						
150.912						
151.04						
151.168						
151.296						
151.424						
151.552						
151.68						
151.808						
151.936						
152.064						
152.192						
152.32						
152.448						
152.576						
152.704						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
152.832						
152.96						
153.088						
153.216						
153.344						
153.472						
153.6						
153.728						
153.856						
153.984						
154.112						
154.24						
154.368						
154.496						
154.624						
154.752						
154.88						
155.008						
155.136						
155.264						
155.392						
155.52						
155.648						
155.776						
155.904						
156.032						
156.16						
156.288						
156.416						
156.544						
156.672						
156.8						
156.928						
157.056						
157.184						
157.312						
157.44						
157.568						
157.696						
157.824						
157.952						
158.08						
158.208						
158.336						
158.464						
158.592						
158.72						
158.848						
158.976						
159.104						
159.232						
159.36						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
159.488						
159.616						
159.744						
159.872						
160						
160.128						
160.256						
160.384						
160.512						
160.64						
160.768						
160.896						
161.024						
161.152						
161.28						
161.408						
161.536						
161.664						
161.792						
161.92						
162.048						
162.176						
162.304						
162.432						
162.56						
162.688						
162.816						
162.944						
163.072						
163.2						
163.328						
163.456						
163.584						
163.712						
163.84						
163.968						
164.096						
164.224						
164.352						
164.48						
164.608						
164.736						
164.864						
164.992						
165.12						
165.248						
165.376						
165.504						
165.632						
165.76						
165.888						
166.016						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
166.144						
166.272						
166.4						
166.528						
166.656						
166.784						
166.912						
167.04						
167.168						
167.296						
167.424						
167.552						
167.68						
167.808						
167.936						
168.064						
168.192						
168.32						
168.448						
168.576						
168.704						
168.832						
168.96						
169.088						
169.216						
169.344						
169.472						
169.6						
169.728						
169.856						
169.984						
170.112						
170.24						
170.368						
170.496						
170.624						
170.752						
170.88						
171.008						
171.136						
171.264						
171.392						
171.52						
171.648						
171.776						
171.904						
172.032						
172.16						
172.288						
172.416						
172.544						
172.672						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
172.8						
172.928						
173.056						
173.184						
173.312						
173.44						
173.568						
173.696						
173.824						
173.952						
174.08						
174.208						
174.336						
174.464						
174.592						
174.72						
174.848						
174.976						
175.104						
175.232						
175.36						
175.488						
175.616						
175.744						
175.872						
176						
176.128						
176.256						
176.384						
176.512						
176.64						
176.768						
176.896						
177.024						
177.152						
177.28						
177.408						
177.536						
177.664						
177.792						
177.92						
178.048						
178.176						
178.304						
178.432						
178.56						
178.688						
178.816						
178.944						
179.072						
179.2						
179.328						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
179.456						
179.584						
179.712						
179.84						
179.968						
180.096						
180.224						
180.352						
180.48						
180.608						
180.736						
180.864						
180.992						
181.12						
181.248						
181.376						
181.504						
181.632						
181.76						
181.888						
182.016						
182.144						
182.272						
182.4						
182.528						
182.656						
182.784						
182.912						
183.04						
183.168						
183.296						
183.424						
183.552						
183.68						
183.808						
183.936						
184.064						
184.192						
184.32						
184.448						
184.576						
184.704						
184.832						
184.96						
185.088						
185.216						
185.344						
185.472						
185.6						
185.728						
185.856						
185.984						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
186.112						
186.24						
186.368						
186.496						
186.624						
186.752						
186.88						
187.008						
187.136						
187.264						
187.392						
187.52						
187.648						
187.776						
187.904						
188.032						
188.16						
188.288						
188.416						
188.544						
188.672						
188.8						
188.928						
189.056						
189.184						
189.312						
189.44						
189.568						
189.696						
189.824						
189.952						

4.3.8 Data of Case-03-01 Test

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
0						
0.128						
0.256						
0.384						
0.512						
0.64						
0.768						
0.896						
1.024						
1.152						
1.28						
1.408						
1.536						
1.664						
1.792						
1.92						
2.048						
2.176						
2.304						
2.432						
2.56						
2.688						
2.816						
2.944						
3.072						
3.2						
3.328						
3.456						
3.584						
3.712						
3.84						
3.968						
4.096						
4.224						
4.352						
4.48						
4.608						
4.736						
4.864						
4.992						
5.12						
5.248						
5.376						
5.504						
5.632						
5.76						
5.888						
6.016						
6.144						
6.272						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
6.4						
6.528						
6.656						
6.784						
6.912						
7.04						
7.168						
7.296						
7.424						
7.552						
7.68						
7.808						
7.936						
8.064						
8.192						
8.32						
8.448						
8.576						
8.704						
8.832						
8.96						
9.088						
9.216						
9.344						
9.472						
9.6						
9.728						
9.856						
9.984						
10.112						
10.24						
10.368						
10.496						
10.624						
10.752						
10.88						
11.008						
11.136						
11.264						
11.392						
11.52						
11.648						
11.776						
11.904						
12.032						
12.16						
12.288						
12.416						
12.544						
12.672						
12.8						
12.928						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
13.056						
13.184						
13.312						
13.44						
13.568						
13.696						
13.824						
13.952						
14.08						
14.208						
14.336						
14.464						
14.592						
14.72						
14.848						
14.976						
15.104						
15.232						
15.36						
15.488						
15.616						
15.744						
15.872						
16						
16.128						
16.256						
16.384						
16.512						
16.64						
16.768						
16.896						
17.024						
17.152						
17.28						
17.408						
17.536						
17.664						
17.792						
17.92						
18.048						
18.176						
18.304						
18.432						
18.56						
18.688						
18.816						
18.944						
19.072						
19.2						
19.328						
19.456						
19.584						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
19.712						
19.84						
19.968						
20.096						
20.224						
20.352						
20.48						
20.608						
20.736						
20.864						
20.992						
21.12						
21.248						
21.376						
21.504						
21.632						
21.76						
21.888						
22.016						
22.144						
22.272						
22.4						
22.528						
22.656						
22.784						
22.912						
23.04						
23.168						
23.296						
23.424						
23.552						
23.68						
23.808						
23.936						
24.064						
24.192						
24.32						
24.448						
24.576						
24.704						
24.832						
24.96						
25.088						
25.216						
25.344						
25.472						
25.6						
25.728						
25.856						
25.984						
26.112						
26.24						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
26.368						
26.496						
26.624						
26.752						
26.88						
27.008						
27.136						
27.264						
27.392						
27.52						
27.648						
27.776						
27.904						
28.032						
28.16						
28.288						
28.416						
28.544						
28.672						
28.8						
28.928						
29.056						
29.184						
29.312						
29.44						
29.568						
29.696						
29.824						
29.952						
30.08						
30.208						
30.336						
30.464						
30.592						
30.72						
30.848						
30.976						
31.104						
31.232						
31.36						
31.488						
31.616						
31.744						
31.872						
32						
32.128						
32.256						
32.384						
32.512						
32.64						
32.768						
32.896						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
33.024						
33.152						
33.28						
33.408						
33.536						
33.664						
33.792						
33.92						
34.048						
34.176						
34.304						
34.432						
34.56						
34.688						
34.816						
34.944						
35.072						
35.2						
35.328						
35.456						
35.584						
35.712						
35.84						
35.968						
36.096						
36.224						
36.352						
36.48						
36.608						
36.736						
36.864						
36.992						
37.12						
37.248						
37.376						
37.504						
37.632						
37.76						
37.888						
38.016						
38.144						
38.272						
38.4						
38.528						
38.656						
38.784						
38.912						
39.04						
39.168						
39.296						
39.424						
39.552						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
39.68						
39.808						
39.936						
40.064						
40.192						
40.32						
40.448						
40.576						
40.704						
40.832						
40.96						
41.088						
41.216						
41.344						
41.472						
41.6						
41.728						
41.856						
41.984						
42.112						
42.24						
42.368						
42.496						
42.624						
42.752						
42.88						
43.008						
43.136						
43.264						
43.392						
43.52						
43.648						
43.776						
43.904						
44.032						
44.16						
44.288						
44.416						
44.544						
44.672						
44.8						
44.928						
45.056						
45.184						
45.312						
45.44						
45.568						
45.696						
45.824						
45.952						
46.08						
46.208						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
46.336						
46.464						
46.592						
46.72						
46.848						
46.976						
47.104						
47.232						
47.36						
47.488						
47.616						
47.744						
47.872						
48						
48.128						
48.256						
48.384						
48.512						
48.64						
48.768						
48.896						
49.024						
49.152						
49.28						
49.408						
49.536						
49.664						
49.792						
49.92						
50.048						
50.176						
50.304						
50.432						
50.56						
50.688						
50.816						
50.944						
51.072						
51.2						
51.328						
51.456						
51.584						
51.712						
51.84						
51.968						
52.096						
52.224						
52.352						
52.48						
52.608						
52.736						
52.864						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
52.992						
53.12						
53.248						
53.376						
53.504						
53.632						
53.76						
53.888						
54.016						
54.144						
54.272						
54.4						
54.528						
54.656						
54.784						
54.912						
55.04						
55.168						
55.296						
55.424						
55.552						
55.68						
55.808						
55.936						
56.064						
56.192						
56.32						
56.448						
56.576						
56.704						
56.832						
56.96						
57.088						
57.216						
57.344						
57.472						
57.6						
57.728						
57.856						
57.984						
58.112						
58.24						
58.368						
58.496						
58.624						
58.752						
58.88						
59.008						
59.136						
59.264						
59.392						
59.52						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
59.648						
59.776						
59.904						
60.032						
60.16						
60.288						
60.416						
60.544						
60.672						
60.8						
60.928						
61.056						
61.184						
61.312						
61.44						
61.568						
61.696						
61.824						
61.952						
62.08						
62.208						
62.336						
62.464						
62.592						
62.72						
62.848						
62.976						
63.104						
63.232						
63.36						
63.488						
63.616						
63.744						
63.872						
64						
64.128						
64.256						
64.384						
64.512						
64.64						
64.768						
64.896						
65.024						
65.152						
65.28						
65.408						
65.536						
65.664						
65.792						
65.92						
66.048						
66.176						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
66.304						
66.432						
66.56						
66.688						
66.816						
66.944						
67.072						
67.2						
67.328						
67.456						
67.584						
67.712						
67.84						
67.968						
68.096						
68.224						
68.352						
68.48						
68.608						
68.736						
68.864						
68.992						
69.12						
69.248						
69.376						
69.504						
69.632						
69.76						
69.888						
70.016						
70.144						
70.272						
70.4						
70.528						
70.656						
70.784						
70.912						
71.04						
71.168						
71.296						
71.424						
71.552						
71.68						
71.808						
71.936						
72.064						
72.192						
72.32						
72.448						
72.576						
72.704						
72.832						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
72.96						
73.088						
73.216						
73.344						
73.472						
73.6						
73.728						
73.856						
73.984						
74.112						
74.24						
74.368						
74.496						
74.624						
74.752						
74.88						
75.008						
75.136						
75.264						
75.392						
75.52						
75.648						
75.776						
75.904						
76.032						
76.16						
76.288						
76.416						
76.544						
76.672						
76.8						
76.928						
77.056						
77.184						
77.312						
77.44						
77.568						
77.696						
77.824						
77.952						
78.08						
78.208						
78.336						
78.464						
78.592						
78.72						
78.848						
78.976						
79.104						
79.232						
79.36						
79.488						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
79.616						
79.744						
79.872						
80						
80.128						
80.256						
80.384						
80.512						
80.64						
80.768						
80.896						
81.024						
81.152						
81.28						
81.408						
81.536						
81.664						
81.792						
81.92						
82.048						
82.176						
82.304						
82.432						
82.56						
82.688						
82.816						
82.944						
83.072						
83.2						
83.328						
83.456						
83.584						
83.712						
83.84						
83.968						
84.096						
84.224						
84.352						
84.48						
84.608						
84.736						
84.864						
84.992						
85.12						
85.248						
85.376						
85.504						
85.632						
85.76						
85.888						
86.016						
86.144						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
86.272						
86.4						
86.528						
86.656						
86.784						
86.912						
87.04						
87.168						
87.296						
87.424						
87.552						
87.68						
87.808						
87.936						
88.064						
88.192						
88.32						
88.448						
88.576						
88.704						
88.832						
88.96						
89.088						
89.216						
89.344						
89.472						
89.6						
89.728						
89.856						
89.984						
90.112						
90.24						
90.368						
90.496						
90.624						
90.752						
90.88						
91.008						
91.136						
91.264						
91.392						
91.52						
91.648						
91.776						
91.904						
92.032						
92.16						
92.288						
92.416						
92.544						
92.672						
92.8						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
92.928						
93.056						
93.184						
93.312						
93.44						
93.568						
93.696						
93.824						
93.952						
94.08						
94.208						
94.336						
94.464						
94.592						
94.72						
94.848						
94.976						
95.104						
95.232						
95.36						
95.488						
95.616						
95.744						
95.872						
96						
96.128						
96.256						
96.384						
96.512						
96.64						
96.768						
96.896						
97.024						
97.152						
97.28						
97.408						
97.536						
97.664						
97.792						
97.92						
98.048						
98.176						
98.304						
98.432						
98.56						
98.688						
98.816						
98.944						
99.072						
99.2						
99.328						
99.456						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
99.584						
99.712						
99.84						
99.968						
100.096						
100.224						
100.352						
100.48						
100.608						
100.736						
100.864						
100.992						
101.12						
101.248						
101.376						
101.504						
101.632						
101.76						
101.888						
102.016						
102.144						
102.272						
102.4						
102.528						
102.656						
102.784						
102.912						
103.04						
103.168						
103.296						
103.424						
103.552						
103.68						
103.808						
103.936						
104.064						
104.192						
104.32						
104.448						
104.576						
104.704						
104.832						
104.96						
105.088						
105.216						
105.344						
105.472						
105.6						
105.728						
105.856						
105.984						
106.112						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
106.24						
106.368						
106.496						
106.624						
106.752						
106.88						
107.008						
107.136						
107.264						
107.392						
107.52						
107.648						
107.776						
107.904						
108.032						
108.16						
108.288						
108.416						
108.544						
108.672						
108.8						
108.928						
109.056						
109.184						
109.312						
109.44						
109.568						
109.696						
109.824						
109.952						
110.08						
110.208						
110.336						
110.464						
110.592						
110.72						
110.848						
110.976						
111.104						
111.232						
111.36						
111.488						
111.616						
111.744						
111.872						
112						
112.128						
112.256						
112.384						
112.512						
112.64						
112.768						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
112.896						
113.024						
113.152						
113.28						
113.408						
113.536						
113.664						
113.792						
113.92						
114.048						
114.176						
114.304						
114.432						
114.56						
114.688						
114.816						
114.944						
115.072						
115.2						
115.328						
115.456						
115.584						
115.712						
115.84						
115.968						
116.096						
116.224						
116.352						
116.48						
116.608						
116.736						
116.864						
116.992						
117.12						
117.248						
117.376						
117.504						
117.632						
117.76						
117.888						
118.016						
118.144						
118.272						
118.4						
118.528						
118.656						
118.784						
118.912						
119.04						
119.168						
119.296						
119.424						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
119.552						
119.68						
119.808						
119.936						
120.064						
120.192						
120.32						
120.448						
120.576						
120.704						
120.832						
120.96						
121.088						
121.216						
121.344						
121.472						
121.6						
121.728						
121.856						
121.984						
122.112						
122.24						
122.368						
122.496						
122.624						
122.752						
122.88						
123.008						
123.136						
123.264						
123.392						
123.52						
123.648						
123.776						
123.904						
124.032						
124.16						
124.288						
124.416						
124.544						
124.672						
124.8						
124.928						
125.056						
125.184						
125.312						
125.44						
125.568						
125.696						
125.824						
125.952						
126.08						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
126.208						
126.336						
126.464						
126.592						
126.72						
126.848						
126.976						
127.104						
127.232						
127.36						
127.488						
127.616						
127.744						
127.872						
128						
128.128						
128.256						
128.384						
128.512						
128.64						
128.768						
128.896						
129.024						
129.152						
129.28						
129.408						
129.536						
129.664						
129.792						
129.92						
130.048						
130.176						
130.304						
130.432						
130.56						
130.688						
130.816						
130.944						
131.072						
131.2						
131.328						
131.456						
131.584						
131.712						
131.84						
131.968						
132.096						
132.224						
132.352						
132.48						
132.608						
132.736						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
132.864						
132.992						
133.12						
133.248						
133.376						
133.504						
133.632						
133.76						
133.888						
134.016						
134.144						
134.272						
134.4						
134.528						
134.656						
134.784						
134.912						
135.04						
135.168						
135.296						
135.424						
135.552						
135.68						
135.808						
135.936						
136.064						
136.192						
136.32						
136.448						
136.576						
136.704						
136.832						
136.96						
137.088						
137.216						
137.344						
137.472						
137.6						
137.728						
137.856						
137.984						
138.112						
138.24						
138.368						
138.496						
138.624						
138.752						
138.88						
139.008						
139.136						
139.264						
139.392						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
139.52						
139.648						
139.776						
139.904						
140.032						
140.16						
140.288						
140.416						
140.544						
140.672						
140.8						
140.928						
141.056						
141.184						
141.312						
141.44						
141.568						
141.696						
141.824						
141.952						
142.08						
142.208						
142.336						
142.464						
142.592						
142.72						
142.848						
142.976						
143.104						
143.232						
143.36						
143.488						
143.616						
143.744						
143.872						
144						
144.128						
144.256						
144.384						
144.512						
144.64						
144.768						
144.896						
145.024						
145.152						
145.28						
145.408						
145.536						
145.664						
145.792						
145.92						
146.048						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
146.176						
146.304						
146.432						
146.56						
146.688						
146.816						
146.944						
147.072						
147.2						
147.328						
147.456						
147.584						
147.712						
147.84						
147.968						
148.096						
148.224						
148.352						
148.48						
148.608						
148.736						
148.864						
148.992						
149.12						
149.248						
149.376						
149.504						
149.632						
149.76						
149.888						
150.016						
150.144						
150.272						
150.4						
150.528						
150.656						
150.784						
150.912						
151.04						
151.168						
151.296						
151.424						
151.552						
151.68						
151.808						
151.936						
152.064						
152.192						
152.32						
152.448						
152.576						
152.704						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
152.832						
152.96						
153.088						
153.216						
153.344						
153.472						
153.6						
153.728						
153.856						
153.984						
154.112						
154.24						
154.368						
154.496						
154.624						
154.752						
154.88						
155.008						
155.136						
155.264						
155.392						
155.52						
155.648						
155.776						
155.904						
156.032						
156.16						
156.288						
156.416						
156.544						
156.672						
156.8						
156.928						
157.056						
157.184						
157.312						
157.44						
157.568						
157.696						
157.824						
157.952						
158.08						
158.208						
158.336						
158.464						
158.592						
158.72						
158.848						
158.976						
159.104						
159.232						
159.36						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
159.488						
159.616						
159.744						
159.872						
160						
160.128						
160.256						
160.384						
160.512						
160.64						
160.768						
160.896						
161.024						
161.152						
161.28						
161.408						
161.536						
161.664						
161.792						
161.92						
162.048						
162.176						
162.304						
162.432						
162.56						
162.688						
162.816						
162.944						
163.072						
163.2						
163.328						
163.456						
163.584						
163.712						
163.84						
163.968						
164.096						
164.224						
164.352						
164.48						
164.608						
164.736						
164.864						
164.992						
165.12						
165.248						
165.376						
165.504						
165.632						
165.76						
165.888						
166.016						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
166.144						
166.272						
166.4						
166.528						
166.656						
166.784						
166.912						
167.04						
167.168						
167.296						
167.424						
167.552						
167.68						
167.808						
167.936						
168.064						
168.192						
168.32						
168.448						
168.576						
168.704						
168.832						
168.96						
169.088						
169.216						
169.344						
169.472						
169.6						
169.728						
169.856						
169.984						

4.3.9 Data of Case-03-02 Test

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
0						
0.128						
0.256						
0.384						
0.512						
0.64						
0.768						
0.896						
1.024						
1.152						
1.28						
1.408						
1.536						
1.664						
1.792						
1.92						
2.048						
2.176						
2.304						
2.432						
2.56						
2.688						
2.816						
2.944						
3.072						
3.2						
3.328						
3.456						
3.584						
3.712						
3.84						
3.968						
4.096						
4.224						
4.352						
4.48						
4.608						
4.736						
4.864						
4.992						
5.12						
5.248						
5.376						
5.504						
5.632						
5.76						
5.888						
6.016						
6.144						
6.272						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
6.4						
6.528						
6.656						
6.784						
6.912						
7.04						
7.168						
7.296						
7.424						
7.552						
7.68						
7.808						
7.936						
8.064						
8.192						
8.32						
8.448						
8.576						
8.704						
8.832						
8.96						
9.088						
9.216						
9.344						
9.472						
9.6						
9.728						
9.856						
9.984						
10.112						
10.24						
10.368						
10.496						
10.624						
10.752						
10.88						
11.008						
11.136						
11.264						
11.392						
11.52						
11.648						
11.776						
11.904						
12.032						
12.16						
12.288						
12.416						
12.544						
12.672						
12.8						
12.928						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
13.056						
13.184						
13.312						
13.44						
13.568						
13.696						
13.824						
13.952						
14.08						
14.208						
14.336						
14.464						
14.592						
14.72						
14.848						
14.976						
15.104						
15.232						
15.36						
15.488						
15.616						
15.744						
15.872						
16						
16.128						
16.256						
16.384						
16.512						
16.64						
16.768						
16.896						
17.024						
17.152						
17.28						
17.408						
17.536						
17.664						
17.792						
17.92						
18.048						
18.176						
18.304						
18.432						
18.56						
18.688						
18.816						
18.944						
19.072						
19.2						
19.328						
19.456						
19.584						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
19.712						
19.84						
19.968						
20.096						
20.224						
20.352						
20.48						
20.608						
20.736						
20.864						
20.992						
21.12						
21.248						
21.376						
21.504						
21.632						
21.76						
21.888						
22.016						
22.144						
22.272						
22.4						
22.528						
22.656						
22.784						
22.912						
23.04						
23.168						
23.296						
23.424						
23.552						
23.68						
23.808						
23.936						
24.064						
24.192						
24.32						
24.448						
24.576						
24.704						
24.832						
24.96						
25.088						
25.216						
25.344						
25.472						
25.6						
25.728						
25.856						
25.984						
26.112						
26.24						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
26.368						
26.496						
26.624						
26.752						
26.88						
27.008						
27.136						
27.264						
27.392						
27.52						
27.648						
27.776						
27.904						
28.032						
28.16						
28.288						
28.416						
28.544						
28.672						
28.8						
28.928						
29.056						
29.184						
29.312						
29.44						
29.568						
29.696						
29.824						
29.952						
30.08						
30.208						
30.336						
30.464						
30.592						
30.72						
30.848						
30.976						
31.104						
31.232						
31.36						
31.488						
31.616						
31.744						
31.872						
32						
32.128						
32.256						
32.384						
32.512						
32.64						
32.768						
32.896						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
33.024						
33.152						
33.28						
33.408						
33.536						
33.664						
33.792						
33.92						
34.048						
34.176						
34.304						
34.432						
34.56						
34.688						
34.816						
34.944						
35.072						
35.2						
35.328						
35.456						
35.584						
35.712						
35.84						
35.968						
36.096						
36.224						
36.352						
36.48						
36.608						
36.736						
36.864						
36.992						
37.12						
37.248						
37.376						
37.504						
37.632						
37.76						
37.888						
38.016						
38.144						
38.272						
38.4						
38.528						
38.656						
38.784						
38.912						
39.04						
39.168						
39.296						
39.424						
39.552						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
39.68						
39.808						
39.936						
40.064						
40.192						
40.32						
40.448						
40.576						
40.704						
40.832						
40.96						
41.088						
41.216						
41.344						
41.472						
41.6						
41.728						
41.856						
41.984						
42.112						
42.24						
42.368						
42.496						
42.624						
42.752						
42.88						
43.008						
43.136						
43.264						
43.392						
43.52						
43.648						
43.776						
43.904						
44.032						
44.16						
44.288						
44.416						
44.544						
44.672						
44.8						
44.928						
45.056						
45.184						
45.312						
45.44						
45.568						
45.696						
45.824						
45.952						
46.08						
46.208						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
46.336						
46.464						
46.592						
46.72						
46.848						
46.976						
47.104						
47.232						
47.36						
47.488						
47.616						
47.744						
47.872						
48						
48.128						
48.256						
48.384						
48.512						
48.64						
48.768						
48.896						
49.024						
49.152						
49.28						
49.408						
49.536						
49.664						
49.792						
49.92						
50.048						
50.176						
50.304						
50.432						
50.56						
50.688						
50.816						
50.944						
51.072						
51.2						
51.328						
51.456						
51.584						
51.712						
51.84						
51.968						
52.096						
52.224						
52.352						
52.48						
52.608						
52.736						
52.864						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
52.992						
53.12						
53.248						
53.376						
53.504						
53.632						
53.76						
53.888						
54.016						
54.144						
54.272						
54.4						
54.528						
54.656						
54.784						
54.912						
55.04						
55.168						
55.296						
55.424						
55.552						
55.68						
55.808						
55.936						
56.064						
56.192						
56.32						
56.448						
56.576						
56.704						
56.832						
56.96						
57.088						
57.216						
57.344						
57.472						
57.6						
57.728						
57.856						
57.984						
58.112						
58.24						
58.368						
58.496						
58.624						
58.752						
58.88						
59.008						
59.136						
59.264						
59.392						
59.52						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
59.648						
59.776						
59.904						
60.032						
60.16						
60.288						
60.416						
60.544						
60.672						
60.8						
60.928						
61.056						
61.184						
61.312						
61.44						
61.568						
61.696						
61.824						
61.952						
62.08						
62.208						
62.336						
62.464						
62.592						
62.72						
62.848						
62.976						
63.104						
63.232						
63.36						
63.488						
63.616						
63.744						
63.872						
64						
64.128						
64.256						
64.384						
64.512						
64.64						
64.768						
64.896						
65.024						
65.152						
65.28						
65.408						
65.536						
65.664						
65.792						
65.92						
66.048						
66.176						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
66.304						
66.432						
66.56						
66.688						
66.816						
66.944						
67.072						
67.2						
67.328						
67.456						
67.584						
67.712						
67.84						
67.968						
68.096						
68.224						
68.352						
68.48						
68.608						
68.736						
68.864						
68.992						
69.12						
69.248						
69.376						
69.504						
69.632						
69.76						
69.888						
70.016						
70.144						
70.272						
70.4						
70.528						
70.656						
70.784						
70.912						
71.04						
71.168						
71.296						
71.424						
71.552						
71.68						
71.808						
71.936						
72.064						
72.192						
72.32						
72.448						
72.576						
72.704						
72.832						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
72.96						
73.088						
73.216						
73.344						
73.472						
73.6						
73.728						
73.856						
73.984						
74.112						
74.24						
74.368						
74.496						
74.624						
74.752						
74.88						
75.008						
75.136						
75.264						
75.392						
75.52						
75.648						
75.776						
75.904						
76.032						
76.16						
76.288						
76.416						
76.544						
76.672						
76.8						
76.928						
77.056						
77.184						
77.312						
77.44						
77.568						
77.696						
77.824						
77.952						
78.08						
78.208						
78.336						
78.464						
78.592						
78.72						
78.848						
78.976						
79.104						
79.232						
79.36						
79.488						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
79.616						
79.744						
79.872						
80						
80.128						
80.256						
80.384						
80.512						
80.64						
80.768						
80.896						
81.024						
81.152						
81.28						
81.408						
81.536						
81.664						
81.792						
81.92						
82.048						
82.176						
82.304						
82.432						
82.56						
82.688						
82.816						
82.944						
83.072						
83.2						
83.328						
83.456						
83.584						
83.712						
83.84						
83.968						
84.096						
84.224						
84.352						
84.48						
84.608						
84.736						
84.864						
84.992						
85.12						
85.248						
85.376						
85.504						
85.632						
85.76						
85.888						
86.016						
86.144						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
86.272						
86.4						
86.528						
86.656						
86.784						
86.912						
87.04						
87.168						
87.296						
87.424						
87.552						
87.68						
87.808						
87.936						
88.064						
88.192						
88.32						
88.448						
88.576						
88.704						
88.832						
88.96						
89.088						
89.216						
89.344						
89.472						
89.6						
89.728						
89.856						
89.984						
90.112						
90.24						
90.368						
90.496						
90.624						
90.752						
90.88						
91.008						
91.136						
91.264						
91.392						
91.52						
91.648						
91.776						
91.904						
92.032						
92.16						
92.288						
92.416						
92.544						
92.672						
92.8						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
92.928						
93.056						
93.184						
93.312						
93.44						
93.568						
93.696						
93.824						
93.952						
94.08						
94.208						
94.336						
94.464						
94.592						
94.72						
94.848						
94.976						
95.104						
95.232						
95.36						
95.488						
95.616						
95.744						
95.872						
96						
96.128						
96.256						
96.384						
96.512						
96.64						
96.768						
96.896						
97.024						
97.152						
97.28						
97.408						
97.536						
97.664						
97.792						
97.92						
98.048						
98.176						
98.304						
98.432						
98.56						
98.688						
98.816						
98.944						
99.072						
99.2						
99.328						
99.456						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
99.584						
99.712						
99.84						
99.968						
100.096						
100.224						
100.352						
100.48						
100.608						
100.736						
100.864						
100.992						
101.12						
101.248						
101.376						
101.504						
101.632						
101.76						
101.888						
102.016						
102.144						
102.272						
102.4						
102.528						
102.656						
102.784						
102.912						
103.04						
103.168						
103.296						
103.424						
103.552						
103.68						
103.808						
103.936						
104.064						
104.192						
104.32						
104.448						
104.576						
104.704						
104.832						
104.96						
105.088						
105.216						
105.344						
105.472						
105.6						
105.728						
105.856						
105.984						
106.112						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
106.24						
106.368						
106.496						
106.624						
106.752						
106.88						
107.008						
107.136						
107.264						
107.392						
107.52						
107.648						
107.776						
107.904						
108.032						
108.16						
108.288						
108.416						
108.544						
108.672						
108.8						
108.928						
109.056						
109.184						
109.312						
109.44						
109.568						
109.696						
109.824						
109.952						
110.08						
110.208						
110.336						
110.464						
110.592						
110.72						
110.848						
110.976						
111.104						
111.232						
111.36						
111.488						
111.616						
111.744						
111.872						
112						
112.128						
112.256						
112.384						
112.512						
112.64						
112.768						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
112.896						
113.024						
113.152						
113.28						
113.408						
113.536						
113.664						
113.792						
113.92						
114.048						
114.176						
114.304						
114.432						
114.56						
114.688						
114.816						
114.944						
115.072						
115.2						
115.328						
115.456						
115.584						
115.712						
115.84						
115.968						
116.096						
116.224						
116.352						
116.48						
116.608						
116.736						
116.864						
116.992						
117.12						
117.248						
117.376						
117.504						
117.632						
117.76						
117.888						
118.016						
118.144						
118.272						
118.4						
118.528						
118.656						
118.784						
118.912						
119.04						
119.168						
119.296						
119.424						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
119.552						
119.68						
119.808						
119.936						
120.064						
120.192						
120.32						
120.448						
120.576						
120.704						
120.832						
120.96						
121.088						
121.216						
121.344						
121.472						
121.6						
121.728						
121.856						
121.984						
122.112						
122.24						
122.368						
122.496						
122.624						
122.752						
122.88						
123.008						
123.136						
123.264						
123.392						
123.52						
123.648						
123.776						
123.904						
124.032						
124.16						
124.288						
124.416						
124.544						
124.672						
124.8						
124.928						
125.056						
125.184						
125.312						
125.44						
125.568						
125.696						
125.824						
125.952						
126.08						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
126.208						
126.336						
126.464						
126.592						
126.72						
126.848						
126.976						
127.104						
127.232						
127.36						
127.488						
127.616						
127.744						
127.872						
128						
128.128						
128.256						
128.384						
128.512						
128.64						
128.768						
128.896						
129.024						
129.152						
129.28						
129.408						
129.536						
129.664						
129.792						
129.92						
130.048						
130.176						
130.304						
130.432						
130.56						
130.688						
130.816						
130.944						
131.072						
131.2						
131.328						
131.456						
131.584						
131.712						
131.84						
131.968						
132.096						
132.224						
132.352						
132.48						
132.608						
132.736						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
132.864						
132.992						
133.12						
133.248						
133.376						
133.504						
133.632						
133.76						
133.888						
134.016						
134.144						
134.272						
134.4						
134.528						
134.656						
134.784						
134.912						
135.04						
135.168						
135.296						
135.424						
135.552						
135.68						
135.808						
135.936						
136.064						
136.192						
136.32						
136.448						
136.576						
136.704						
136.832						
136.96						
137.088						
137.216						
137.344						
137.472						
137.6						
137.728						
137.856						
137.984						
138.112						
138.24						
138.368						
138.496						
138.624						
138.752						
138.88						
139.008						
139.136						
139.264						
139.392						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
139.52						
139.648						
139.776						
139.904						
140.032						
140.16						
140.288						
140.416						
140.544						
140.672						
140.8						
140.928						
141.056						
141.184						
141.312						
141.44						
141.568						
141.696						
141.824						
141.952						
142.08						
142.208						
142.336						
142.464						
142.592						
142.72						
142.848						
142.976						
143.104						
143.232						
143.36						
143.488						
143.616						
143.744						
143.872						
144						
144.128						
144.256						
144.384						
144.512						
144.64						
144.768						
144.896						
145.024						
145.152						
145.28						
145.408						
145.536						
145.664						
145.792						
145.92						
146.048						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
146.176						
146.304						
146.432						
146.56						
146.688						
146.816						
146.944						
147.072						
147.2						
147.328						
147.456						
147.584						
147.712						
147.84						
147.968						
148.096						
148.224						
148.352						
148.48						
148.608						
148.736						
148.864						
148.992						
149.12						
149.248						
149.376						
149.504						
149.632						
149.76						
149.888						
150.016						
150.144						
150.272						
150.4						
150.528						
150.656						
150.784						
150.912						
151.04						
151.168						
151.296						
151.424						
151.552						
151.68						
151.808						
151.936						
152.064						
152.192						
152.32						
152.448						
152.576						
152.704						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
152.832						
152.96						
153.088						
153.216						
153.344						
153.472						
153.6						
153.728						
153.856						
153.984						
154.112						
154.24						
154.368						
154.496						
154.624						
154.752						
154.88						
155.008						
155.136						
155.264						
155.392						
155.52						
155.648						
155.776						
155.904						
156.032						
156.16						
156.288						
156.416						
156.544						
156.672						
156.8						
156.928						
157.056						
157.184						
157.312						
157.44						
157.568						
157.696						
157.824						
157.952						
158.08						
158.208						
158.336						
158.464						
158.592						
158.72						
158.848						
158.976						
159.104						
159.232						
159.36						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
159.488						
159.616						
159.744						
159.872						
160						
160.128						
160.256						
160.384						
160.512						
160.64						
160.768						
160.896						
161.024						
161.152						
161.28						
161.408						
161.536						
161.664						
161.792						
161.92						
162.048						
162.176						
162.304						
162.432						
162.56						
162.688						
162.816						
162.944						
163.072						
163.2						
163.328						
163.456						
163.584						
163.712						
163.84						
163.968						
164.096						
164.224						
164.352						
164.48						
164.608						
164.736						
164.864						
164.992						
165.12						
165.248						
165.376						
165.504						
165.632						
165.76						
165.888						
166.016						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
166.144						
166.272						
166.4						
166.528						
166.656						
166.784						
166.912						
167.04						
167.168						
167.296						
167.424						
167.552						
167.68						
167.808						
167.936						
168.064						
168.192						
168.32						
168.448						
168.576						
168.704						
168.832						
168.96						
169.088						
169.216						
169.344						
169.472						
169.6						
169.728						
169.856						
169.984						

4.3.10 Data of Case-03-03 Test

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
0						
0.128						
0.256						
0.384						
0.512						
0.64						
0.768						
0.896						
1.024						
1.152						
1.28						
1.408						
1.536						
1.664						
1.792						
1.92						
2.048						
2.176						
2.304						
2.432						
2.56						
2.688						
2.816						
2.944						
3.072						
3.2						
3.328						
3.456						
3.584						
3.712						
3.84						
3.968						
4.096						
4.224						
4.352						
4.48						
4.608						
4.736						
4.864						
4.992						
5.12						
5.248						
5.376						
5.504						
5.632						
5.76						
5.888						
6.016						
6.144						
6.272						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
6.4						
6.528						
6.656						
6.784						
6.912						
7.04						
7.168						
7.296						
7.424						
7.552						
7.68						
7.808						
7.936						
8.064						
8.192						
8.32						
8.448						
8.576						
8.704						
8.832						
8.96						
9.088						
9.216						
9.344						
9.472						
9.6						
9.728						
9.856						
9.984						
10.112						
10.24						
10.368						
10.496						
10.624						
10.752						
10.88						
11.008						
11.136						
11.264						
11.392						
11.52						
11.648						
11.776						
11.904						
12.032						
12.16						
12.288						
12.416						
12.544						
12.672						
12.8						
12.928						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
13.056						
13.184						
13.312						
13.44						
13.568						
13.696						
13.824						
13.952						
14.08						
14.208						
14.336						
14.464						
14.592						
14.72						
14.848						
14.976						
15.104						
15.232						
15.36						
15.488						
15.616						
15.744						
15.872						
16						
16.128						
16.256						
16.384						
16.512						
16.64						
16.768						
16.896						
17.024						
17.152						
17.28						
17.408						
17.536						
17.664						
17.792						
17.92						
18.048						
18.176						
18.304						
18.432						
18.56						
18.688						
18.816						
18.944						
19.072						
19.2						
19.328						
19.456						
19.584						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
19.712						
19.84						
19.968						
20.096						
20.224						
20.352						
20.48						
20.608						
20.736						
20.864						
20.992						
21.12						
21.248						
21.376						
21.504						
21.632						
21.76						
21.888						
22.016						
22.144						
22.272						
22.4						
22.528						
22.656						
22.784						
22.912						
23.04						
23.168						
23.296						
23.424						
23.552						
23.68						
23.808						
23.936						
24.064						
24.192						
24.32						
24.448						
24.576						
24.704						
24.832						
24.96						
25.088						
25.216						
25.344						
25.472						
25.6						
25.728						
25.856						
25.984						
26.112						
26.24						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
26.368						
26.496						
26.624						
26.752						
26.88						
27.008						
27.136						
27.264						
27.392						
27.52						
27.648						
27.776						
27.904						
28.032						
28.16						
28.288						
28.416						
28.544						
28.672						
28.8						
28.928						
29.056						
29.184						
29.312						
29.44						
29.568						
29.696						
29.824						
29.952						
30.08						
30.208						
30.336						
30.464						
30.592						
30.72						
30.848						
30.976						
31.104						
31.232						
31.36						
31.488						
31.616						
31.744						
31.872						
32						
32.128						
32.256						
32.384						
32.512						
32.64						
32.768						
32.896						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
33.024						
33.152						
33.28						
33.408						
33.536						
33.664						
33.792						
33.92						
34.048						
34.176						
34.304						
34.432						
34.56						
34.688						
34.816						
34.944						
35.072						
35.2						
35.328						
35.456						
35.584						
35.712						
35.84						
35.968						
36.096						
36.224						
36.352						
36.48						
36.608						
36.736						
36.864						
36.992						
37.12						
37.248						
37.376						
37.504						
37.632						
37.76						
37.888						
38.016						
38.144						
38.272						
38.4						
38.528						
38.656						
38.784						
38.912						
39.04						
39.168						
39.296						
39.424						
39.552						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
39.68						
39.808						
39.936						
40.064						
40.192						
40.32						
40.448						
40.576						
40.704						
40.832						
40.96						
41.088						
41.216						
41.344						
41.472						
41.6						
41.728						
41.856						
41.984						
42.112						
42.24						
42.368						
42.496						
42.624						
42.752						
42.88						
43.008						
43.136						
43.264						
43.392						
43.52						
43.648						
43.776						
43.904						
44.032						
44.16						
44.288						
44.416						
44.544						
44.672						
44.8						
44.928						
45.056						
45.184						
45.312						
45.44						
45.568						
45.696						
45.824						
45.952						
46.08						
46.208						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
46.336						
46.464						
46.592						
46.72						
46.848						
46.976						
47.104						
47.232						
47.36						
47.488						
47.616						
47.744						
47.872						
48						
48.128						
48.256						
48.384						
48.512						
48.64						
48.768						
48.896						
49.024						
49.152						
49.28						
49.408						
49.536						
49.664						
49.792						
49.92						
50.048						
50.176						
50.304						
50.432						
50.56						
50.688						
50.816						
50.944						
51.072						
51.2						
51.328						
51.456						
51.584						
51.712						
51.84						
51.968						
52.096						
52.224						
52.352						
52.48						
52.608						
52.736						
52.864						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
52.992						
53.12						
53.248						
53.376						
53.504						
53.632						
53.76						
53.888						
54.016						
54.144						
54.272						
54.4						
54.528						
54.656						
54.784						
54.912						
55.04						
55.168						
55.296						
55.424						
55.552						
55.68						
55.808						
55.936						
56.064						
56.192						
56.32						
56.448						
56.576						
56.704						
56.832						
56.96						
57.088						
57.216						
57.344						
57.472						
57.6						
57.728						
57.856						
57.984						
58.112						
58.24						
58.368						
58.496						
58.624						
58.752						
58.88						
59.008						
59.136						
59.264						
59.392						
59.52						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
59.648						
59.776						
59.904						
60.032						
60.16						
60.288						
60.416						
60.544						
60.672						
60.8						
60.928						
61.056						
61.184						
61.312						
61.44						
61.568						
61.696						
61.824						
61.952						
62.08						
62.208						
62.336						
62.464						
62.592						
62.72						
62.848						
62.976						
63.104						
63.232						
63.36						
63.488						
63.616						
63.744						
63.872						
64						
64.128						
64.256						
64.384						
64.512						
64.64						
64.768						
64.896						
65.024						
65.152						
65.28						
65.408						
65.536						
65.664						
65.792						
65.92						
66.048						
66.176						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
66.304						
66.432						
66.56						
66.688						
66.816						
66.944						
67.072						
67.2						
67.328						
67.456						
67.584						
67.712						
67.84						
67.968						
68.096						
68.224						
68.352						
68.48						
68.608						
68.736						
68.864						
68.992						
69.12						
69.248						
69.376						
69.504						
69.632						
69.76						
69.888						
70.016						
70.144						
70.272						
70.4						
70.528						
70.656						
70.784						
70.912						
71.04						
71.168						
71.296						
71.424						
71.552						
71.68						
71.808						
71.936						
72.064						
72.192						
72.32						
72.448						
72.576						
72.704						
72.832						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
72.96						
73.088						
73.216						
73.344						
73.472						
73.6						
73.728						
73.856						
73.984						
74.112						
74.24						
74.368						
74.496						
74.624						
74.752						
74.88						
75.008						
75.136						
75.264						
75.392						
75.52						
75.648						
75.776						
75.904						
76.032						
76.16						
76.288						
76.416						
76.544						
76.672						
76.8						
76.928						
77.056						
77.184						
77.312						
77.44						
77.568						
77.696						
77.824						
77.952						
78.08						
78.208						
78.336						
78.464						
78.592						
78.72						
78.848						
78.976						
79.104						
79.232						
79.36						
79.488						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
79.616						
79.744						
79.872						
80						
80.128						
80.256						
80.384						
80.512						
80.64						
80.768						
80.896						
81.024						
81.152						
81.28						
81.408						
81.536						
81.664						
81.792						
81.92						
82.048						
82.176						
82.304						
82.432						
82.56						
82.688						
82.816						
82.944						
83.072						
83.2						
83.328						
83.456						
83.584						
83.712						
83.84						
83.968						
84.096						
84.224						
84.352						
84.48						
84.608						
84.736						
84.864						
84.992						
85.12						
85.248						
85.376						
85.504						
85.632						
85.76						
85.888						
86.016						
86.144						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
86.272						
86.4						
86.528						
86.656						
86.784						
86.912						
87.04						
87.168						
87.296						
87.424						
87.552						
87.68						
87.808						
87.936						
88.064						
88.192						
88.32						
88.448						
88.576						
88.704						
88.832						
88.96						
89.088						
89.216						
89.344						
89.472						
89.6						
89.728						
89.856						
89.984						
90.112						
90.24						
90.368						
90.496						
90.624						
90.752						
90.88						
91.008						
91.136						
91.264						
91.392						
91.52						
91.648						
91.776						
91.904						
92.032						
92.16						
92.288						
92.416						
92.544						
92.672						
92.8						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
92.928						
93.056						
93.184						
93.312						
93.44						
93.568						
93.696						
93.824						
93.952						
94.08						
94.208						
94.336						
94.464						
94.592						
94.72						
94.848						
94.976						
95.104						
95.232						
95.36						
95.488						
95.616						
95.744						
95.872						
96						
96.128						
96.256						
96.384						
96.512						
96.64						
96.768						
96.896						
97.024						
97.152						
97.28						
97.408						
97.536						
97.664						
97.792						
97.92						
98.048						
98.176						
98.304						
98.432						
98.56						
98.688						
98.816						
98.944						
99.072						
99.2						
99.328						
99.456						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
99.584						
99.712						
99.84						
99.968						
100.096						
100.224						
100.352						
100.48						
100.608						
100.736						
100.864						
100.992						
101.12						
101.248						
101.376						
101.504						
101.632						
101.76						
101.888						
102.016						
102.144						
102.272						
102.4						
102.528						
102.656						
102.784						
102.912						
103.04						
103.168						
103.296						
103.424						
103.552						
103.68						
103.808						
103.936						
104.064						
104.192						
104.32						
104.448						
104.576						
104.704						
104.832						
104.96						
105.088						
105.216						
105.344						
105.472						
105.6						
105.728						
105.856						
105.984						
106.112						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
106.24						
106.368						
106.496						
106.624						
106.752						
106.88						
107.008						
107.136						
107.264						
107.392						
107.52						
107.648						
107.776						
107.904						
108.032						
108.16						
108.288						
108.416						
108.544						
108.672						
108.8						
108.928						
109.056						
109.184						
109.312						
109.44						
109.568						
109.696						
109.824						
109.952						
110.08						
110.208						
110.336						
110.464						
110.592						
110.72						
110.848						
110.976						
111.104						
111.232						
111.36						
111.488						
111.616						
111.744						
111.872						
112						
112.128						
112.256						
112.384						
112.512						
112.64						
112.768						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
112.896						
113.024						
113.152						
113.28						
113.408						
113.536						
113.664						
113.792						
113.92						
114.048						
114.176						
114.304						
114.432						
114.56						
114.688						
114.816						
114.944						
115.072						
115.2						
115.328						
115.456						
115.584						
115.712						
115.84						
115.968						
116.096						
116.224						
116.352						
116.48						
116.608						
116.736						
116.864						
116.992						
117.12						
117.248						
117.376						
117.504						
117.632						
117.76						
117.888						
118.016						
118.144						
118.272						
118.4						
118.528						
118.656						
118.784						
118.912						
119.04						
119.168						
119.296						
119.424						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
119.552						
119.68						
119.808						
119.936						
120.064						
120.192						
120.32						
120.448						
120.576						
120.704						
120.832						
120.96						
121.088						
121.216						
121.344						
121.472						
121.6						
121.728						
121.856						
121.984						
122.112						
122.24						
122.368						
122.496						
122.624						
122.752						
122.88						
123.008						
123.136						
123.264						
123.392						
123.52						
123.648						
123.776						
123.904						
124.032						
124.16						
124.288						
124.416						
124.544						
124.672						
124.8						
124.928						
125.056						
125.184						
125.312						
125.44						
125.568						
125.696						
125.824						
125.952						
126.08						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
126.208						
126.336						
126.464						
126.592						
126.72						
126.848						
126.976						
127.104						
127.232						
127.36						
127.488						
127.616						
127.744						
127.872						
128						
128.128						
128.256						
128.384						
128.512						
128.64						
128.768						
128.896						
129.024						
129.152						
129.28						
129.408						
129.536						
129.664						
129.792						
129.92						
130.048						
130.176						
130.304						
130.432						
130.56						
130.688						
130.816						
130.944						
131.072						
131.2						
131.328						
131.456						
131.584						
131.712						
131.84						
131.968						
132.096						
132.224						
132.352						
132.48						
132.608						
132.736						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
132.864						
132.992						
133.12						
133.248						
133.376						
133.504						
133.632						
133.76						
133.888						
134.016						
134.144						
134.272						
134.4						
134.528						
134.656						
134.784						
134.912						
135.04						
135.168						
135.296						
135.424						
135.552						
135.68						
135.808						
135.936						
136.064						
136.192						
136.32						
136.448						
136.576						
136.704						
136.832						
136.96						
137.088						
137.216						
137.344						
137.472						
137.6						
137.728						
137.856						
137.984						
138.112						
138.24						
138.368						
138.496						
138.624						
138.752						
138.88						
139.008						
139.136						
139.264						
139.392						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
139.52						
139.648						
139.776						
139.904						
140.032						
140.16						
140.288						
140.416						
140.544						
140.672						
140.8						
140.928						
141.056						
141.184						
141.312						
141.44						
141.568						
141.696						
141.824						
141.952						
142.08						
142.208						
142.336						
142.464						
142.592						
142.72						
142.848						
142.976						
143.104						
143.232						
143.36						
143.488						
143.616						
143.744						
143.872						
144						
144.128						
144.256						
144.384						
144.512						
144.64						
144.768						
144.896						
145.024						
145.152						
145.28						
145.408						
145.536						
145.664						
145.792						
145.92						
146.048						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
146.176						
146.304						
146.432						
146.56						
146.688						
146.816						
146.944						
147.072						
147.2						
147.328						
147.456						
147.584						
147.712						
147.84						
147.968						
148.096						
148.224						
148.352						
148.48						
148.608						
148.736						
148.864						
148.992						
149.12						
149.248						
149.376						
149.504						
149.632						
149.76						
149.888						
150.016						
150.144						
150.272						
150.4						
150.528						
150.656						
150.784						
150.912						
151.04						
151.168						
151.296						
151.424						
151.552						
151.68						
151.808						
151.936						
152.064						
152.192						
152.32						
152.448						
152.576						
152.704						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
152.832						
152.96						
153.088						
153.216						
153.344						
153.472						
153.6						
153.728						
153.856						
153.984						
154.112						
154.24						
154.368						
154.496						
154.624						
154.752						
154.88						
155.008						
155.136						
155.264						
155.392						
155.52						
155.648						
155.776						
155.904						
156.032						
156.16						
156.288						
156.416						
156.544						
156.672						
156.8						
156.928						
157.056						
157.184						
157.312						
157.44						
157.568						
157.696						
157.824						
157.952						
158.08						
158.208						
158.336						
158.464						
158.592						
158.72						
158.848						
158.976						
159.104						
159.232						
159.36						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
159.488						
159.616						
159.744						
159.872						
160						
160.128						
160.256						
160.384						
160.512						
160.64						
160.768						
160.896						
161.024						
161.152						
161.28						
161.408						
161.536						
161.664						
161.792						
161.92						
162.048						
162.176						
162.304						
162.432						
162.56						
162.688						
162.816						
162.944						
163.072						
163.2						
163.328						
163.456						
163.584						
163.712						
163.84						
163.968						
164.096						
164.224						
164.352						
164.48						
164.608						
164.736						
164.864						
164.992						
165.12						
165.248						
165.376						
165.504						
165.632						
165.76						
165.888						
166.016						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
166.144						
166.272						
166.4						
166.528						
166.656						
166.784						
166.912						
167.04						
167.168						
167.296						
167.424						
167.552						
167.68						
167.808						
167.936						
168.064						
168.192						
168.32						
168.448						
168.576						
168.704						
168.832						
168.96						
169.088						
169.216						
169.344						
169.472						
169.6						
169.728						
169.856						
169.984						

4.3.11 Data of Case-04-01 Test

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
0						
0.128						
0.256						
0.384						
0.512						
0.64						
0.768						
0.896						
1.024						
1.152						
1.28						
1.408						
1.536						
1.664						
1.792						
1.92						
2.048						
2.176						
2.304						
2.432						
2.56						
2.688						
2.816						
2.944						
3.072						
3.2						
3.328						
3.456						
3.584						
3.712						
3.84						
3.968						
4.096						
4.224						
4.352						
4.48						
4.608						
4.736						
4.864						
4.992						
5.12						
5.248						
5.376						
5.504						
5.632						
5.76						
5.888						
6.016						
6.144						
6.272						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
6.4						
6.528						
6.656						
6.784						
6.912						
7.04						
7.168						
7.296						
7.424						
7.552						
7.68						
7.808						
7.936						
8.064						
8.192						
8.32						
8.448						
8.576						
8.704						
8.832						
8.96						
9.088						
9.216						
9.344						
9.472						
9.6						
9.728						
9.856						
9.984						
10.112						
10.24						
10.368						
10.496						
10.624						
10.752						
10.88						
11.008						
11.136						
11.264						
11.392						
11.52						
11.648						
11.776						
11.904						
12.032						
12.16						
12.288						
12.416						
12.544						
12.672						
12.8						
12.928						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
13.056						
13.184						
13.312						
13.44						
13.568						
13.696						
13.824						
13.952						
14.08						
14.208						
14.336						
14.464						
14.592						
14.72						
14.848						
14.976						
15.104						
15.232						
15.36						
15.488						
15.616						
15.744						
15.872						
16						
16.128						
16.256						
16.384						
16.512						
16.64						
16.768						
16.896						
17.024						
17.152						
17.28						
17.408						
17.536						
17.664						
17.792						
17.92						
18.048						
18.176						
18.304						
18.432						
18.56						
18.688						
18.816						
18.944						
19.072						
19.2						
19.328						
19.456						
19.584						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
19.712						
19.84						
19.968						
20.096						
20.224						
20.352						
20.48						
20.608						
20.736						
20.864						
20.992						
21.12						
21.248						
21.376						
21.504						
21.632						
21.76						
21.888						
22.016						
22.144						
22.272						
22.4						
22.528						
22.656						
22.784						
22.912						
23.04						
23.168						
23.296						
23.424						
23.552						
23.68						
23.808						
23.936						
24.064						
24.192						
24.32						
24.448						
24.576						
24.704						
24.832						
24.96						
25.088						
25.216						
25.344						
25.472						
25.6						
25.728						
25.856						
25.984						
26.112						
26.24						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
26.368						
26.496						
26.624						
26.752						
26.88						
27.008						
27.136						
27.264						
27.392						
27.52						
27.648						
27.776						
27.904						
28.032						
28.16						
28.288						
28.416						
28.544						
28.672						
28.8						
28.928						
29.056						
29.184						
29.312						
29.44						
29.568						
29.696						
29.824						
29.952						
30.08						
30.208						
30.336						
30.464						
30.592						
30.72						
30.848						
30.976						
31.104						
31.232						
31.36						
31.488						
31.616						
31.744						
31.872						
32						
32.128						
32.256						
32.384						
32.512						
32.64						
32.768						
32.896						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
33.024						
33.152						
33.28						
33.408						
33.536						
33.664						
33.792						
33.92						
34.048						
34.176						
34.304						
34.432						
34.56						
34.688						
34.816						
34.944						
35.072						
35.2						
35.328						
35.456						
35.584						
35.712						
35.84						
35.968						
36.096						
36.224						
36.352						
36.48						
36.608						
36.736						
36.864						
36.992						
37.12						
37.248						
37.376						
37.504						
37.632						
37.76						
37.888						
38.016						
38.144						
38.272						
38.4						
38.528						
38.656						
38.784						
38.912						
39.04						
39.168						
39.296						
39.424						
39.552						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
39.68						
39.808						
39.936						
40.064						
40.192						
40.32						
40.448						
40.576						
40.704						
40.832						
40.96						
41.088						
41.216						
41.344						
41.472						
41.6						
41.728						
41.856						
41.984						
42.112						
42.24						
42.368						
42.496						
42.624						
42.752						
42.88						
43.008						
43.136						
43.264						
43.392						
43.52						
43.648						
43.776						
43.904						
44.032						
44.16						
44.288						
44.416						
44.544						
44.672						
44.8						
44.928						
45.056						
45.184						
45.312						
45.44						
45.568						
45.696						
45.824						
45.952						
46.08						
46.208						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
46.336						
46.464						
46.592						
46.72						
46.848						
46.976						
47.104						
47.232						
47.36						
47.488						
47.616						
47.744						
47.872						
48						
48.128						
48.256						
48.384						
48.512						
48.64						
48.768						
48.896						
49.024						
49.152						
49.28						
49.408						
49.536						
49.664						
49.792						
49.92						
50.048						
50.176						
50.304						
50.432						
50.56						
50.688						
50.816						
50.944						
51.072						
51.2						
51.328						
51.456						
51.584						
51.712						
51.84						
51.968						
52.096						
52.224						
52.352						
52.48						
52.608						
52.736						
52.864						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
52.992						
53.12						
53.248						
53.376						
53.504						
53.632						
53.76						
53.888						
54.016						
54.144						
54.272						
54.4						
54.528						
54.656						
54.784						
54.912						
55.04						
55.168						
55.296						
55.424						
55.552						
55.68						
55.808						
55.936						
56.064						
56.192						
56.32						
56.448						
56.576						
56.704						
56.832						
56.96						
57.088						
57.216						
57.344						
57.472						
57.6						
57.728						
57.856						
57.984						
58.112						
58.24						
58.368						
58.496						
58.624						
58.752						
58.88						
59.008						
59.136						
59.264						
59.392						
59.52						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
59.648						
59.776						
59.904						
60.032						
60.16						
60.288						
60.416						
60.544						
60.672						
60.8						
60.928						
61.056						
61.184						
61.312						
61.44						
61.568						
61.696						
61.824						
61.952						
62.08						
62.208						
62.336						
62.464						
62.592						
62.72						
62.848						
62.976						
63.104						
63.232						
63.36						
63.488						
63.616						
63.744						
63.872						
64						
64.128						
64.256						
64.384						
64.512						
64.64						
64.768						
64.896						
65.024						
65.152						
65.28						
65.408						
65.536						
65.664						
65.792						
65.92						
66.048						
66.176						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
66.304						
66.432						
66.56						
66.688						
66.816						
66.944						
67.072						
67.2						
67.328						
67.456						
67.584						
67.712						
67.84						
67.968						
68.096						
68.224						
68.352						
68.48						
68.608						
68.736						
68.864						
68.992						
69.12						
69.248						
69.376						
69.504						
69.632						
69.76						
69.888						
70.016						
70.144						
70.272						
70.4						
70.528						
70.656						
70.784						
70.912						
71.04						
71.168						
71.296						
71.424						
71.552						
71.68						
71.808						
71.936						
72.064						
72.192						
72.32						
72.448						
72.576						
72.704						
72.832						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
72.96						
73.088						
73.216						
73.344						
73.472						
73.6						
73.728						
73.856						
73.984						
74.112						
74.24						
74.368						
74.496						
74.624						
74.752						
74.88						
75.008						
75.136						
75.264						
75.392						
75.52						
75.648						
75.776						
75.904						
76.032						
76.16						
76.288						
76.416						
76.544						
76.672						
76.8						
76.928						
77.056						
77.184						
77.312						
77.44						
77.568						
77.696						
77.824						
77.952						
78.08						
78.208						
78.336						
78.464						
78.592						
78.72						
78.848						
78.976						
79.104						
79.232						
79.36						
79.488						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
79.616						
79.744						
79.872						
80						
80.128						
80.256						
80.384						
80.512						
80.64						
80.768						
80.896						
81.024						
81.152						
81.28						
81.408						
81.536						
81.664						
81.792						
81.92						
82.048						
82.176						
82.304						
82.432						
82.56						
82.688						
82.816						
82.944						
83.072						
83.2						
83.328						
83.456						
83.584						
83.712						
83.84						
83.968						
84.096						
84.224						
84.352						
84.48						
84.608						
84.736						
84.864						
84.992						
85.12						
85.248						
85.376						
85.504						
85.632						
85.76						
85.888						
86.016						
86.144						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
86.272						
86.4						
86.528						
86.656						
86.784						
86.912						
87.04						
87.168						
87.296						
87.424						
87.552						
87.68						
87.808						
87.936						
88.064						
88.192						
88.32						
88.448						
88.576						
88.704						
88.832						
88.96						
89.088						
89.216						
89.344						
89.472						
89.6						
89.728						
89.856						
89.984						
90.112						
90.24						
90.368						
90.496						
90.624						
90.752						
90.88						
91.008						
91.136						
91.264						
91.392						
91.52						
91.648						
91.776						
91.904						
92.032						
92.16						
92.288						
92.416						
92.544						
92.672						
92.8						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
92.928						
93.056						
93.184						
93.312						
93.44						
93.568						
93.696						
93.824						
93.952						
94.08						
94.208						
94.336						
94.464						
94.592						
94.72						
94.848						
94.976						
95.104						
95.232						
95.36						
95.488						
95.616						
95.744						
95.872						
96						
96.128						
96.256						
96.384						
96.512						
96.64						
96.768						
96.896						
97.024						
97.152						
97.28						
97.408						
97.536						
97.664						
97.792						
97.92						
98.048						
98.176						
98.304						
98.432						
98.56						
98.688						
98.816						
98.944						
99.072						
99.2						
99.328						
99.456						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
99.584						
99.712						
99.84						
99.968						
100.096						
100.224						
100.352						
100.48						
100.608						
100.736						
100.864						
100.992						
101.12						
101.248						
101.376						
101.504						
101.632						
101.76						
101.888						
102.016						
102.144						
102.272						
102.4						
102.528						
102.656						
102.784						
102.912						
103.04						
103.168						
103.296						
103.424						
103.552						
103.68						
103.808						
103.936						
104.064						
104.192						
104.32						
104.448						
104.576						
104.704						
104.832						
104.96						
105.088						
105.216						
105.344						
105.472						
105.6						
105.728						
105.856						
105.984						
106.112						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
106.24						
106.368						
106.496						
106.624						
106.752						
106.88						
107.008						
107.136						
107.264						
107.392						
107.52						
107.648						
107.776						
107.904						
108.032						
108.16						
108.288						
108.416						
108.544						
108.672						
108.8						
108.928						
109.056						
109.184						
109.312						
109.44						
109.568						
109.696						
109.824						
109.952						
110.08						
110.208						
110.336						
110.464						
110.592						
110.72						
110.848						
110.976						
111.104						
111.232						
111.36						
111.488						
111.616						
111.744						
111.872						
112						
112.128						
112.256						
112.384						
112.512						
112.64						
112.768						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
112.896						
113.024						
113.152						
113.28						
113.408						
113.536						
113.664						
113.792						
113.92						
114.048						
114.176						
114.304						
114.432						
114.56						
114.688						
114.816						
114.944						
115.072						
115.2						
115.328						
115.456						
115.584						
115.712						
115.84						
115.968						
116.096						
116.224						
116.352						
116.48						
116.608						
116.736						
116.864						
116.992						
117.12						
117.248						
117.376						
117.504						
117.632						
117.76						
117.888						
118.016						
118.144						
118.272						
118.4						
118.528						
118.656						
118.784						
118.912						
119.04						
119.168						
119.296						
119.424						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
119.552						
119.68						
119.808						
119.936						
120.064						
120.192						
120.32						
120.448						
120.576						
120.704						
120.832						
120.96						
121.088						
121.216						
121.344						
121.472						
121.6						
121.728						
121.856						
121.984						
122.112						
122.24						
122.368						
122.496						
122.624						
122.752						
122.88						
123.008						
123.136						
123.264						
123.392						
123.52						
123.648						
123.776						
123.904						
124.032						
124.16						
124.288						
124.416						
124.544						
124.672						
124.8						
124.928						
125.056						
125.184						
125.312						
125.44						
125.568						
125.696						
125.824						
125.952						
126.08						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
126.208						
126.336						
126.464						
126.592						
126.72						
126.848						
126.976						
127.104						
127.232						
127.36						
127.488						
127.616						
127.744						
127.872						
128						
128.128						
128.256						
128.384						
128.512						
128.64						
128.768						
128.896						
129.024						
129.152						
129.28						
129.408						
129.536						
129.664						
129.792						
129.92						
130.048						
130.176						
130.304						
130.432						
130.56						
130.688						
130.816						
130.944						
131.072						
131.2						
131.328						
131.456						
131.584						
131.712						
131.84						
131.968						
132.096						
132.224						
132.352						
132.48						
132.608						
132.736						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
132.864						
132.992						
133.12						
133.248						
133.376						
133.504						
133.632						
133.76						
133.888						
134.016						
134.144						
134.272						
134.4						
134.528						
134.656						
134.784						
134.912						
135.04						
135.168						
135.296						
135.424						
135.552						
135.68						
135.808						
135.936						
136.064						
136.192						
136.32						
136.448						
136.576						
136.704						
136.832						
136.96						
137.088						
137.216						
137.344						
137.472						
137.6						
137.728						
137.856						
137.984						
138.112						
138.24						
138.368						
138.496						
138.624						
138.752						
138.88						
139.008						
139.136						
139.264						
139.392						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
139.52						
139.648						
139.776						
139.904						
140.032						
140.16						
140.288						
140.416						
140.544						
140.672						
140.8						
140.928						
141.056						
141.184						
141.312						
141.44						
141.568						
141.696						
141.824						
141.952						
142.08						
142.208						
142.336						
142.464						
142.592						
142.72						
142.848						
142.976						
143.104						
143.232						
143.36						
143.488						
143.616						
143.744						
143.872						
144						
144.128						
144.256						
144.384						
144.512						
144.64						
144.768						
144.896						
145.024						
145.152						
145.28						
145.408						
145.536						
145.664						
145.792						
145.92						
146.048						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
146.176						
146.304						
146.432						
146.56						
146.688						
146.816						
146.944						
147.072						
147.2						
147.328						
147.456						
147.584						
147.712						
147.84						
147.968						
148.096						
148.224						
148.352						
148.48						
148.608						
148.736						
148.864						
148.992						
149.12						
149.248						
149.376						
149.504						
149.632						
149.76						
149.888						
150.016						
150.144						
150.272						
150.4						
150.528						
150.656						
150.784						
150.912						
151.04						
151.168						
151.296						
151.424						
151.552						
151.68						
151.808						
151.936						
152.064						
152.192						
152.32						
152.448						
152.576						
152.704						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
152.832						
152.96						
153.088						
153.216						
153.344						
153.472						
153.6						
153.728						
153.856						
153.984						
154.112						
154.24						
154.368						
154.496						
154.624						
154.752						
154.88						
155.008						
155.136						
155.264						
155.392						
155.52						
155.648						
155.776						
155.904						
156.032						
156.16						
156.288						
156.416						
156.544						
156.672						
156.8						
156.928						
157.056						
157.184						
157.312						
157.44						
157.568						
157.696						
157.824						
157.952						
158.08						
158.208						
158.336						
158.464						
158.592						
158.72						
158.848						
158.976						
159.104						
159.232						
159.36						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
159.488						
159.616						
159.744						
159.872						
160						
160.128						
160.256						
160.384						
160.512						
160.64						
160.768						
160.896						
161.024						
161.152						
161.28						
161.408						
161.536						
161.664						
161.792						
161.92						
162.048						
162.176						
162.304						
162.432						
162.56						
162.688						
162.816						
162.944						
163.072						
163.2						
163.328						
163.456						
163.584						
163.712						
163.84						
163.968						
164.096						
164.224						
164.352						
164.48						
164.608						
164.736						
164.864						
164.992						
165.12						
165.248						
165.376						
165.504						
165.632						
165.76						
165.888						
166.016						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
166.144						
166.272						
166.4						
166.528						
166.656						
166.784						
166.912						
167.04						
167.168						
167.296						
167.424						
167.552						
167.68						
167.808						
167.936						
168.064						
168.192						
168.32						
168.448						
168.576						
168.704						
168.832						
168.96						
169.088						
169.216						
169.344						
169.472						
169.6						
169.728						
169.856						
169.984						

4.3.12 Data of Case-04-02 Test

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
0						
0.128						
0.256						
0.384						
0.512						
0.64						
0.768						
0.896						
1.024						
1.152						
1.28						
1.408						
1.536						
1.664						
1.792						
1.92						
2.048						
2.176						
2.304						
2.432						
2.56						
2.688						
2.816						
2.944						
3.072						
3.2						
3.328						
3.456						
3.584						
3.712						
3.84						
3.968						
4.096						
4.224						
4.352						
4.48						
4.608						
4.736						
4.864						
4.992						
5.12						
5.248						
5.376						
5.504						
5.632						
5.76						
5.888						
6.016						
6.144						
6.272						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
6.4						
6.528						
6.656						
6.784						
6.912						
7.04						
7.168						
7.296						
7.424						
7.552						
7.68						
7.808						
7.936						
8.064						
8.192						
8.32						
8.448						
8.576						
8.704						
8.832						
8.96						
9.088						
9.216						
9.344						
9.472						
9.6						
9.728						
9.856						
9.984						
10.112						
10.24						
10.368						
10.496						
10.624						
10.752						
10.88						
11.008						
11.136						
11.264						
11.392						
11.52						
11.648						
11.776						
11.904						
12.032						
12.16						
12.288						
12.416						
12.544						
12.672						
12.8						
12.928						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
13.056						
13.184						
13.312						
13.44						
13.568						
13.696						
13.824						
13.952						
14.08						
14.208						
14.336						
14.464						
14.592						
14.72						
14.848						
14.976						
15.104						
15.232						
15.36						
15.488						
15.616						
15.744						
15.872						
16						
16.128						
16.256						
16.384						
16.512						
16.64						
16.768						
16.896						
17.024						
17.152						
17.28						
17.408						
17.536						
17.664						
17.792						
17.92						
18.048						
18.176						
18.304						
18.432						
18.56						
18.688						
18.816						
18.944						
19.072						
19.2						
19.328						
19.456						
19.584						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
19.712						
19.84						
19.968						
20.096						
20.224						
20.352						
20.48						
20.608						
20.736						
20.864						
20.992						
21.12						
21.248						
21.376						
21.504						
21.632						
21.76						
21.888						
22.016						
22.144						
22.272						
22.4						
22.528						
22.656						
22.784						
22.912						
23.04						
23.168						
23.296						
23.424						
23.552						
23.68						
23.808						
23.936						
24.064						
24.192						
24.32						
24.448						
24.576						
24.704						
24.832						
24.96						
25.088						
25.216						
25.344						
25.472						
25.6						
25.728						
25.856						
25.984						
26.112						
26.24						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
26.368						
26.496						
26.624						
26.752						
26.88						
27.008						
27.136						
27.264						
27.392						
27.52						
27.648						
27.776						
27.904						
28.032						
28.16						
28.288						
28.416						
28.544						
28.672						
28.8						
28.928						
29.056						
29.184						
29.312						
29.44						
29.568						
29.696						
29.824						
29.952						
30.08						
30.208						
30.336						
30.464						
30.592						
30.72						
30.848						
30.976						
31.104						
31.232						
31.36						
31.488						
31.616						
31.744						
31.872						
32						
32.128						
32.256						
32.384						
32.512						
32.64						
32.768						
32.896						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
33.024						
33.152						
33.28						
33.408						
33.536						
33.664						
33.792						
33.92						
34.048						
34.176						
34.304						
34.432						
34.56						
34.688						
34.816						
34.944						
35.072						
35.2						
35.328						
35.456						
35.584						
35.712						
35.84						
35.968						
36.096						
36.224						
36.352						
36.48						
36.608						
36.736						
36.864						
36.992						
37.12						
37.248						
37.376						
37.504						
37.632						
37.76						
37.888						
38.016						
38.144						
38.272						
38.4						
38.528						
38.656						
38.784						
38.912						
39.04						
39.168						
39.296						
39.424						
39.552						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
39.68						
39.808						
39.936						
40.064						
40.192						
40.32						
40.448						
40.576						
40.704						
40.832						
40.96						
41.088						
41.216						
41.344						
41.472						
41.6						
41.728						
41.856						
41.984						
42.112						
42.24						
42.368						
42.496						
42.624						
42.752						
42.88						
43.008						
43.136						
43.264						
43.392						
43.52						
43.648						
43.776						
43.904						
44.032						
44.16						
44.288						
44.416						
44.544						
44.672						
44.8						
44.928						
45.056						
45.184						
45.312						
45.44						
45.568						
45.696						
45.824						
45.952						
46.08						
46.208						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
46.336						
46.464						
46.592						
46.72						
46.848						
46.976						
47.104						
47.232						
47.36						
47.488						
47.616						
47.744						
47.872						
48						
48.128						
48.256						
48.384						
48.512						
48.64						
48.768						
48.896						
49.024						
49.152						
49.28						
49.408						
49.536						
49.664						
49.792						
49.92						
50.048						
50.176						
50.304						
50.432						
50.56						
50.688						
50.816						
50.944						
51.072						
51.2						
51.328						
51.456						
51.584						
51.712						
51.84						
51.968						
52.096						
52.224						
52.352						
52.48						
52.608						
52.736						
52.864						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
52.992						
53.12						
53.248						
53.376						
53.504						
53.632						
53.76						
53.888						
54.016						
54.144						
54.272						
54.4						
54.528						
54.656						
54.784						
54.912						
55.04						
55.168						
55.296						
55.424						
55.552						
55.68						
55.808						
55.936						
56.064						
56.192						
56.32						
56.448						
56.576						
56.704						
56.832						
56.96						
57.088						
57.216						
57.344						
57.472						
57.6						
57.728						
57.856						
57.984						
58.112						
58.24						
58.368						
58.496						
58.624						
58.752						
58.88						
59.008						
59.136						
59.264						
59.392						
59.52						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
59.648						
59.776						
59.904						
60.032						
60.16						
60.288						
60.416						
60.544						
60.672						
60.8						
60.928						
61.056						
61.184						
61.312						
61.44						
61.568						
61.696						
61.824						
61.952						
62.08						
62.208						
62.336						
62.464						
62.592						
62.72						
62.848						
62.976						
63.104						
63.232						
63.36						
63.488						
63.616						
63.744						
63.872						
64						
64.128						
64.256						
64.384						
64.512						
64.64						
64.768						
64.896						
65.024						
65.152						
65.28						
65.408						
65.536						
65.664						
65.792						
65.92						
66.048						
66.176						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
66.304						
66.432						
66.56						
66.688						
66.816						
66.944						
67.072						
67.2						
67.328						
67.456						
67.584						
67.712						
67.84						
67.968						
68.096						
68.224						
68.352						
68.48						
68.608						
68.736						
68.864						
68.992						
69.12						
69.248						
69.376						
69.504						
69.632						
69.76						
69.888						
70.016						
70.144						
70.272						
70.4						
70.528						
70.656						
70.784						
70.912						
71.04						
71.168						
71.296						
71.424						
71.552						
71.68						
71.808						
71.936						
72.064						
72.192						
72.32						
72.448						
72.576						
72.704						
72.832						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
72.96						
73.088						
73.216						
73.344						
73.472						
73.6						
73.728						
73.856						
73.984						
74.112						
74.24						
74.368						
74.496						
74.624						
74.752						
74.88						
75.008						
75.136						
75.264						
75.392						
75.52						
75.648						
75.776						
75.904						
76.032						
76.16						
76.288						
76.416						
76.544						
76.672						
76.8						
76.928						
77.056						
77.184						
77.312						
77.44						
77.568						
77.696						
77.824						
77.952						
78.08						
78.208						
78.336						
78.464						
78.592						
78.72						
78.848						
78.976						
79.104						
79.232						
79.36						
79.488						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
79.616						
79.744						
79.872						
80						
80.128						
80.256						
80.384						
80.512						
80.64						
80.768						
80.896						
81.024						
81.152						
81.28						
81.408						
81.536						
81.664						
81.792						
81.92						
82.048						
82.176						
82.304						
82.432						
82.56						
82.688						
82.816						
82.944						
83.072						
83.2						
83.328						
83.456						
83.584						
83.712						
83.84						
83.968						
84.096						
84.224						
84.352						
84.48						
84.608						
84.736						
84.864						
84.992						
85.12						
85.248						
85.376						
85.504						
85.632						
85.76						
85.888						
86.016						
86.144						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
86.272						
86.4						
86.528						
86.656						
86.784						
86.912						
87.04						
87.168						
87.296						
87.424						
87.552						
87.68						
87.808						
87.936						
88.064						
88.192						
88.32						
88.448						
88.576						
88.704						
88.832						
88.96						
89.088						
89.216						
89.344						
89.472						
89.6						
89.728						
89.856						
89.984						
90.112						
90.24						
90.368						
90.496						
90.624						
90.752						
90.88						
91.008						
91.136						
91.264						
91.392						
91.52						
91.648						
91.776						
91.904						
92.032						
92.16						
92.288						
92.416						
92.544						
92.672						
92.8						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
92.928						
93.056						
93.184						
93.312						
93.44						
93.568						
93.696						
93.824						
93.952						
94.08						
94.208						
94.336						
94.464						
94.592						
94.72						
94.848						
94.976						
95.104						
95.232						
95.36						
95.488						
95.616						
95.744						
95.872						
96						
96.128						
96.256						
96.384						
96.512						
96.64						
96.768						
96.896						
97.024						
97.152						
97.28						
97.408						
97.536						
97.664						
97.792						
97.92						
98.048						
98.176						
98.304						
98.432						
98.56						
98.688						
98.816						
98.944						
99.072						
99.2						
99.328						
99.456						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
99.584						
99.712						
99.84						
99.968						
100.096						
100.224						
100.352						
100.48						
100.608						
100.736						
100.864						
100.992						
101.12						
101.248						
101.376						
101.504						
101.632						
101.76						
101.888						
102.016						
102.144						
102.272						
102.4						
102.528						
102.656						
102.784						
102.912						
103.04						
103.168						
103.296						
103.424						
103.552						
103.68						
103.808						
103.936						
104.064						
104.192						
104.32						
104.448						
104.576						
104.704						
104.832						
104.96						
105.088						
105.216						
105.344						
105.472						
105.6						
105.728						
105.856						
105.984						
106.112						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
106.24						
106.368						
106.496						
106.624						
106.752						
106.88						
107.008						
107.136						
107.264						
107.392						
107.52						
107.648						
107.776						
107.904						
108.032						
108.16						
108.288						
108.416						
108.544						
108.672						
108.8						
108.928						
109.056						
109.184						
109.312						
109.44						
109.568						
109.696						
109.824						
109.952						
110.08						
110.208						
110.336						
110.464						
110.592						
110.72						
110.848						
110.976						
111.104						
111.232						
111.36						
111.488						
111.616						
111.744						
111.872						
112						
112.128						
112.256						
112.384						
112.512						
112.64						
112.768						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
112.896						
113.024						
113.152						
113.28						
113.408						
113.536						
113.664						
113.792						
113.92						
114.048						
114.176						
114.304						
114.432						
114.56						
114.688						
114.816						
114.944						
115.072						
115.2						
115.328						
115.456						
115.584						
115.712						
115.84						
115.968						
116.096						
116.224						
116.352						
116.48						
116.608						
116.736						
116.864						
116.992						
117.12						
117.248						
117.376						
117.504						
117.632						
117.76						
117.888						
118.016						
118.144						
118.272						
118.4						
118.528						
118.656						
118.784						
118.912						
119.04						
119.168						
119.296						
119.424						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
119.552						
119.68						
119.808						
119.936						
120.064						
120.192						
120.32						
120.448						
120.576						
120.704						
120.832						
120.96						
121.088						
121.216						
121.344						
121.472						
121.6						
121.728						
121.856						
121.984						
122.112						
122.24						
122.368						
122.496						
122.624						
122.752						
122.88						
123.008						
123.136						
123.264						
123.392						
123.52						
123.648						
123.776						
123.904						
124.032						
124.16						
124.288						
124.416						
124.544						
124.672						
124.8						
124.928						
125.056						
125.184						
125.312						
125.44						
125.568						
125.696						
125.824						
125.952						
126.08						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
126.208						
126.336						
126.464						
126.592						
126.72						
126.848						
126.976						
127.104						
127.232						
127.36						
127.488						
127.616						
127.744						
127.872						
128						
128.128						
128.256						
128.384						
128.512						
128.64						
128.768						
128.896						
129.024						
129.152						
129.28						
129.408						
129.536						
129.664						
129.792						
129.92						
130.048						
130.176						
130.304						
130.432						
130.56						
130.688						
130.816						
130.944						
131.072						
131.2						
131.328						
131.456						
131.584						
131.712						
131.84						
131.968						
132.096						
132.224						
132.352						
132.48						
132.608						
132.736						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
132.864						
132.992						
133.12						
133.248						
133.376						
133.504						
133.632						
133.76						
133.888						
134.016						
134.144						
134.272						
134.4						
134.528						
134.656						
134.784						
134.912						
135.04						
135.168						
135.296						
135.424						
135.552						
135.68						
135.808						
135.936						
136.064						
136.192						
136.32						
136.448						
136.576						
136.704						
136.832						
136.96						
137.088						
137.216						
137.344						
137.472						
137.6						
137.728						
137.856						
137.984						
138.112						
138.24						
138.368						
138.496						
138.624						
138.752						
138.88						
139.008						
139.136						
139.264						
139.392						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
139.52						
139.648						
139.776						
139.904						
140.032						
140.16						
140.288						
140.416						
140.544						
140.672						
140.8						
140.928						
141.056						
141.184						
141.312						
141.44						
141.568						
141.696						
141.824						
141.952						
142.08						
142.208						
142.336						
142.464						
142.592						
142.72						
142.848						
142.976						
143.104						
143.232						
143.36						
143.488						
143.616						
143.744						
143.872						
144						
144.128						
144.256						
144.384						
144.512						
144.64						
144.768						
144.896						
145.024						
145.152						
145.28						
145.408						
145.536						
145.664						
145.792						
145.92						
146.048						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
146.176						
146.304						
146.432						
146.56						
146.688						
146.816						
146.944						
147.072						
147.2						
147.328						
147.456						
147.584						
147.712						
147.84						
147.968						
148.096						
148.224						
148.352						
148.48						
148.608						
148.736						
148.864						
148.992						
149.12						
149.248						
149.376						
149.504						
149.632						
149.76						
149.888						
150.016						
150.144						
150.272						
150.4						
150.528						
150.656						
150.784						
150.912						
151.04						
151.168						
151.296						
151.424						
151.552						
151.68						
151.808						
151.936						
152.064						
152.192						
152.32						
152.448						
152.576						
152.704						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
152.832						
152.96						
153.088						
153.216						
153.344						
153.472						
153.6						
153.728						
153.856						
153.984						
154.112						
154.24						
154.368						
154.496						
154.624						
154.752						
154.88						
155.008						
155.136						
155.264						
155.392						
155.52						
155.648						
155.776						
155.904						
156.032						
156.16						
156.288						
156.416						
156.544						
156.672						
156.8						
156.928						
157.056						
157.184						
157.312						
157.44						
157.568						
157.696						
157.824						
157.952						
158.08						
158.208						
158.336						
158.464						
158.592						
158.72						
158.848						
158.976						
159.104						
159.232						
159.36						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
159.488						
159.616						
159.744						
159.872						
160						
160.128						
160.256						
160.384						
160.512						
160.64						
160.768						
160.896						
161.024						
161.152						
161.28						
161.408						
161.536						
161.664						
161.792						
161.92						
162.048						
162.176						
162.304						
162.432						
162.56						
162.688						
162.816						
162.944						
163.072						
163.2						
163.328						
163.456						
163.584						
163.712						
163.84						
163.968						
164.096						
164.224						
164.352						
164.48						
164.608						
164.736						
164.864						
164.992						
165.12						
165.248						
165.376						
165.504						
165.632						
165.76						
165.888						
166.016						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
166.144						
166.272						
166.4						
166.528						
166.656						
166.784						
166.912						
167.04						
167.168						
167.296						
167.424						
167.552						
167.68						
167.808						
167.936						
168.064						
168.192						
168.32						
168.448						
168.576						
168.704						
168.832						
168.96						
169.088						
169.216						
169.344						
169.472						
169.6						
169.728						
169.856						
169.984						

4.3.13 Data of Case-04-03 Test

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
0						
0.128						
0.256						
0.384						
0.512						
0.64						
0.768						
0.896						
1.024						
1.152						
1.28						
1.408						
1.536						
1.664						
1.792						
1.92						
2.048						
2.176						
2.304						
2.432						
2.56						
2.688						
2.816						
2.944						
3.072						
3.2						
3.328						
3.456						
3.584						
3.712						
3.84						
3.968						
4.096						
4.224						
4.352						
4.48						
4.608						
4.736						
4.864						
4.992						
5.12						
5.248						
5.376						
5.504						
5.632						
5.76						
5.888						
6.016						
6.144						
6.272						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
6.4						
6.528						
6.656						
6.784						
6.912						
7.04						
7.168						
7.296						
7.424						
7.552						
7.68						
7.808						
7.936						
8.064						
8.192						
8.32						
8.448						
8.576						
8.704						
8.832						
8.96						
9.088						
9.216						
9.344						
9.472						
9.6						
9.728						
9.856						
9.984						
10.112						
10.24						
10.368						
10.496						
10.624						
10.752						
10.88						
11.008						
11.136						
11.264						
11.392						
11.52						
11.648						
11.776						
11.904						
12.032						
12.16						
12.288						
12.416						
12.544						
12.672						
12.8						
12.928						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
13.056						
13.184						
13.312						
13.44						
13.568						
13.696						
13.824						
13.952						
14.08						
14.208						
14.336						
14.464						
14.592						
14.72						
14.848						
14.976						
15.104						
15.232						
15.36						
15.488						
15.616						
15.744						
15.872						
16						
16.128						
16.256						
16.384						
16.512						
16.64						
16.768						
16.896						
17.024						
17.152						
17.28						
17.408						
17.536						
17.664						
17.792						
17.92						
18.048						
18.176						
18.304						
18.432						
18.56						
18.688						
18.816						
18.944						
19.072						
19.2						
19.328						
19.456						
19.584						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
19.712						
19.84						
19.968						
20.096						
20.224						
20.352						
20.48						
20.608						
20.736						
20.864						
20.992						
21.12						
21.248						
21.376						
21.504						
21.632						
21.76						
21.888						
22.016						
22.144						
22.272						
22.4						
22.528						
22.656						
22.784						
22.912						
23.04						
23.168						
23.296						
23.424						
23.552						
23.68						
23.808						
23.936						
24.064						
24.192						
24.32						
24.448						
24.576						
24.704						
24.832						
24.96						
25.088						
25.216						
25.344						
25.472						
25.6						
25.728						
25.856						
25.984						
26.112						
26.24						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
26.368						
26.496						
26.624						
26.752						
26.88						
27.008						
27.136						
27.264						
27.392						
27.52						
27.648						
27.776						
27.904						
28.032						
28.16						
28.288						
28.416						
28.544						
28.672						
28.8						
28.928						
29.056						
29.184						
29.312						
29.44						
29.568						
29.696						
29.824						
29.952						
30.08						
30.208						
30.336						
30.464						
30.592						
30.72						
30.848						
30.976						
31.104						
31.232						
31.36						
31.488						
31.616						
31.744						
31.872						
32						
32.128						
32.256						
32.384						
32.512						
32.64						
32.768						
32.896						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
33.024						
33.152						
33.28						
33.408						
33.536						
33.664						
33.792						
33.92						
34.048						
34.176						
34.304						
34.432						
34.56						
34.688						
34.816						
34.944						
35.072						
35.2						
35.328						
35.456						
35.584						
35.712						
35.84						
35.968						
36.096						
36.224						
36.352						
36.48						
36.608						
36.736						
36.864						
36.992						
37.12						
37.248						
37.376						
37.504						
37.632						
37.76						
37.888						
38.016						
38.144						
38.272						
38.4						
38.528						
38.656						
38.784						
38.912						
39.04						
39.168						
39.296						
39.424						
39.552						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
39.68						
39.808						
39.936						
40.064						
40.192						
40.32						
40.448						
40.576						
40.704						
40.832						
40.96						
41.088						
41.216						
41.344						
41.472						
41.6						
41.728						
41.856						
41.984						
42.112						
42.24						
42.368						
42.496						
42.624						
42.752						
42.88						
43.008						
43.136						
43.264						
43.392						
43.52						
43.648						
43.776						
43.904						
44.032						
44.16						
44.288						
44.416						
44.544						
44.672						
44.8						
44.928						
45.056						
45.184						
45.312						
45.44						
45.568						
45.696						
45.824						
45.952						
46.08						
46.208						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
46.336						
46.464						
46.592						
46.72						
46.848						
46.976						
47.104						
47.232						
47.36						
47.488						
47.616						
47.744						
47.872						
48						
48.128						
48.256						
48.384						
48.512						
48.64						
48.768						
48.896						
49.024						
49.152						
49.28						
49.408						
49.536						
49.664						
49.792						
49.92						
50.048						
50.176						
50.304						
50.432						
50.56						
50.688						
50.816						
50.944						
51.072						
51.2						
51.328						
51.456						
51.584						
51.712						
51.84						
51.968						
52.096						
52.224						
52.352						
52.48						
52.608						
52.736						
52.864						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
52.992						
53.12						
53.248						
53.376						
53.504						
53.632						
53.76						
53.888						
54.016						
54.144						
54.272						
54.4						
54.528						
54.656						
54.784						
54.912						
55.04						
55.168						
55.296						
55.424						
55.552						
55.68						
55.808						
55.936						
56.064						
56.192						
56.32						
56.448						
56.576						
56.704						
56.832						
56.96						
57.088						
57.216						
57.344						
57.472						
57.6						
57.728						
57.856						
57.984						
58.112						
58.24						
58.368						
58.496						
58.624						
58.752						
58.88						
59.008						
59.136						
59.264						
59.392						
59.52						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
59.648						
59.776						
59.904						
60.032						
60.16						
60.288						
60.416						
60.544						
60.672						
60.8						
60.928						
61.056						
61.184						
61.312						
61.44						
61.568						
61.696						
61.824						
61.952						
62.08						
62.208						
62.336						
62.464						
62.592						
62.72						
62.848						
62.976						
63.104						
63.232						
63.36						
63.488						
63.616						
63.744						
63.872						
64						
64.128						
64.256						
64.384						
64.512						
64.64						
64.768						
64.896						
65.024						
65.152						
65.28						
65.408						
65.536						
65.664						
65.792						
65.92						
66.048						
66.176						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
66.304						
66.432						
66.56						
66.688						
66.816						
66.944						
67.072						
67.2						
67.328						
67.456						
67.584						
67.712						
67.84						
67.968						
68.096						
68.224						
68.352						
68.48						
68.608						
68.736						
68.864						
68.992						
69.12						
69.248						
69.376						
69.504						
69.632						
69.76						
69.888						
70.016						
70.144						
70.272						
70.4						
70.528						
70.656						
70.784						
70.912						
71.04						
71.168						
71.296						
71.424						
71.552						
71.68						
71.808						
71.936						
72.064						
72.192						
72.32						
72.448						
72.576						
72.704						
72.832						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
72.96						
73.088						
73.216						
73.344						
73.472						
73.6						
73.728						
73.856						
73.984						
74.112						
74.24						
74.368						
74.496						
74.624						
74.752						
74.88						
75.008						
75.136						
75.264						
75.392						
75.52						
75.648						
75.776						
75.904						
76.032						
76.16						
76.288						
76.416						
76.544						
76.672						
76.8						
76.928						
77.056						
77.184						
77.312						
77.44						
77.568						
77.696						
77.824						
77.952						
78.08						
78.208						
78.336						
78.464						
78.592						
78.72						
78.848						
78.976						
79.104						
79.232						
79.36						
79.488						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
79.616						
79.744						
79.872						
80						
80.128						
80.256						
80.384						
80.512						
80.64						
80.768						
80.896						
81.024						
81.152						
81.28						
81.408						
81.536						
81.664						
81.792						
81.92						
82.048						
82.176						
82.304						
82.432						
82.56						
82.688						
82.816						
82.944						
83.072						
83.2						
83.328						
83.456						
83.584						
83.712						
83.84						
83.968						
84.096						
84.224						
84.352						
84.48						
84.608						
84.736						
84.864						
84.992						
85.12						
85.248						
85.376						
85.504						
85.632						
85.76						
85.888						
86.016						
86.144						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
86.272						
86.4						
86.528						
86.656						
86.784						
86.912						
87.04						
87.168						
87.296						
87.424						
87.552						
87.68						
87.808						
87.936						
88.064						
88.192						
88.32						
88.448						
88.576						
88.704						
88.832						
88.96						
89.088						
89.216						
89.344						
89.472						
89.6						
89.728						
89.856						
89.984						
90.112						
90.24						
90.368						
90.496						
90.624						
90.752						
90.88						
91.008						
91.136						
91.264						
91.392						
91.52						
91.648						
91.776						
91.904						
92.032						
92.16						
92.288						
92.416						
92.544						
92.672						
92.8						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
92.928						
93.056						
93.184						
93.312						
93.44						
93.568						
93.696						
93.824						
93.952						
94.08						
94.208						
94.336						
94.464						
94.592						
94.72						
94.848						
94.976						
95.104						
95.232						
95.36						
95.488						
95.616						
95.744						
95.872						
96						
96.128						
96.256						
96.384						
96.512						
96.64						
96.768						
96.896						
97.024						
97.152						
97.28						
97.408						
97.536						
97.664						
97.792						
97.92						
98.048						
98.176						
98.304						
98.432						
98.56						
98.688						
98.816						
98.944						
99.072						
99.2						
99.328						
99.456						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
99.584						
99.712						
99.84						
99.968						
100.096						
100.224						
100.352						
100.48						
100.608						
100.736						
100.864						
100.992						
101.12						
101.248						
101.376						
101.504						
101.632						
101.76						
101.888						
102.016						
102.144						
102.272						
102.4						
102.528						
102.656						
102.784						
102.912						
103.04						
103.168						
103.296						
103.424						
103.552						
103.68						
103.808						
103.936						
104.064						
104.192						
104.32						
104.448						
104.576						
104.704						
104.832						
104.96						
105.088						
105.216						
105.344						
105.472						
105.6						
105.728						
105.856						
105.984						
106.112						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
106.24						
106.368						
106.496						
106.624						
106.752						
106.88						
107.008						
107.136						
107.264						
107.392						
107.52						
107.648						
107.776						
107.904						
108.032						
108.16						
108.288						
108.416						
108.544						
108.672						
108.8						
108.928						
109.056						
109.184						
109.312						
109.44						
109.568						
109.696						
109.824						
109.952						
110.08						
110.208						
110.336						
110.464						
110.592						
110.72						
110.848						
110.976						
111.104						
111.232						
111.36						
111.488						
111.616						
111.744						
111.872						
112						
112.128						
112.256						
112.384						
112.512						
112.64						
112.768						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
112.896						
113.024						
113.152						
113.28						
113.408						
113.536						
113.664						
113.792						
113.92						
114.048						
114.176						
114.304						
114.432						
114.56						
114.688						
114.816						
114.944						
115.072						
115.2						
115.328						
115.456						
115.584						
115.712						
115.84						
115.968						
116.096						
116.224						
116.352						
116.48						
116.608						
116.736						
116.864						
116.992						
117.12						
117.248						
117.376						
117.504						
117.632						
117.76						
117.888						
118.016						
118.144						
118.272						
118.4						
118.528						
118.656						
118.784						
118.912						
119.04						
119.168						
119.296						
119.424						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
119.552						
119.68						
119.808						
119.936						
120.064						
120.192						
120.32						
120.448						
120.576						
120.704						
120.832						
120.96						
121.088						
121.216						
121.344						
121.472						
121.6						
121.728						
121.856						
121.984						
122.112						
122.24						
122.368						
122.496						
122.624						
122.752						
122.88						
123.008						
123.136						
123.264						
123.392						
123.52						
123.648						
123.776						
123.904						
124.032						
124.16						
124.288						
124.416						
124.544						
124.672						
124.8						
124.928						
125.056						
125.184						
125.312						
125.44						
125.568						
125.696						
125.824						
125.952						
126.08						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
126.208						
126.336						
126.464						
126.592						
126.72						
126.848						
126.976						
127.104						
127.232						
127.36						
127.488						
127.616						
127.744						
127.872						
128						
128.128						
128.256						
128.384						
128.512						
128.64						
128.768						
128.896						
129.024						
129.152						
129.28						
129.408						
129.536						
129.664						
129.792						
129.92						
130.048						
130.176						
130.304						
130.432						
130.56						
130.688						
130.816						
130.944						
131.072						
131.2						
131.328						
131.456						
131.584						
131.712						
131.84						
131.968						
132.096						
132.224						
132.352						
132.48						
132.608						
132.736						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
132.864						
132.992						
133.12						
133.248						
133.376						
133.504						
133.632						
133.76						
133.888						
134.016						
134.144						
134.272						
134.4						
134.528						
134.656						
134.784						
134.912						
135.04						
135.168						
135.296						
135.424						
135.552						
135.68						
135.808						
135.936						
136.064						
136.192						
136.32						
136.448						
136.576						
136.704						
136.832						
136.96						
137.088						
137.216						
137.344						
137.472						
137.6						
137.728						
137.856						
137.984						
138.112						
138.24						
138.368						
138.496						
138.624						
138.752						
138.88						
139.008						
139.136						
139.264						
139.392						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
139.52						
139.648						
139.776						
139.904						
140.032						
140.16						
140.288						
140.416						
140.544						
140.672						
140.8						
140.928						
141.056						
141.184						
141.312						
141.44						
141.568						
141.696						
141.824						
141.952						
142.08						
142.208						
142.336						
142.464						
142.592						
142.72						
142.848						
142.976						
143.104						
143.232						
143.36						
143.488						
143.616						
143.744						
143.872						
144						
144.128						
144.256						
144.384						
144.512						
144.64						
144.768						
144.896						
145.024						
145.152						
145.28						
145.408						
145.536						
145.664						
145.792						
145.92						
146.048						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
146.176						
146.304						
146.432						
146.56						
146.688						
146.816						
146.944						
147.072						
147.2						
147.328						
147.456						
147.584						
147.712						
147.84						
147.968						
148.096						
148.224						
148.352						
148.48						
148.608						
148.736						
148.864						
148.992						
149.12						
149.248						
149.376						
149.504						
149.632						
149.76						
149.888						
150.016						
150.144						
150.272						
150.4						
150.528						
150.656						
150.784						
150.912						
151.04						
151.168						
151.296						
151.424						
151.552						
151.68						
151.808						
151.936						
152.064						
152.192						
152.32						
152.448						
152.576						
152.704						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
152.832						
152.96						
153.088						
153.216						
153.344						
153.472						
153.6						
153.728						
153.856						
153.984						
154.112						
154.24						
154.368						
154.496						
154.624						
154.752						
154.88						
155.008						
155.136						
155.264						
155.392						
155.52						
155.648						
155.776						
155.904						
156.032						
156.16						
156.288						
156.416						
156.544						
156.672						
156.8						
156.928						
157.056						
157.184						
157.312						
157.44						
157.568						
157.696						
157.824						
157.952						
158.08						
158.208						
158.336						
158.464						
158.592						
158.72						
158.848						
158.976						
159.104						
159.232						
159.36						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
159.488						
159.616						
159.744						
159.872						
160						
160.128						
160.256						
160.384						
160.512						
160.64						
160.768						
160.896						
161.024						
161.152						
161.28						
161.408						
161.536						
161.664						
161.792						
161.92						
162.048						
162.176						
162.304						
162.432						
162.56						
162.688						
162.816						
162.944						
163.072						
163.2						
163.328						
163.456						
163.584						
163.712						
163.84						
163.968						
164.096						
164.224						
164.352						
164.48						
164.608						
164.736						
164.864						
164.992						
165.12						
165.248						
165.376						
165.504						
165.632						
165.76						
165.888						
166.016						

Time (sec)	W_SI (kg/sec)	K_FD (-)	PT-104 (kPa)	DP-101 (kPa)	LT-101 (m)	TE-102 (°C)
166.144						
166.272						
166.4						
166.528						
166.656						
166.784						
166.912						
167.04						
167.168						
167.296						
167.424						
167.552						
167.68						
167.808						
167.936						
168.064						
168.192						
168.32						
168.448						
168.576						
168.704						
168.832						
168.96						
169.088						
169.216						
169.344						
169.472						
169.6						
169.728						
169.856						
169.984						