

**MAHLE**

January 4, 2013

Office of Nuclear Material Safety  
and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

Attn: Document Control Desk/Exempt Distribution

Dear Sir or Madam:

In compliance with our Nuclear Regulatory Commission License No. 21-12192-01,  
Condition 12 and 10CFR32.12, we are submitting a material transfer report.

The required information is included on the enclosed form. The residual tritiated engine  
oil in the products transferred did not exceed the required  $3 \times 10^{-2}$  microcuries per  
milliliter.

Respectfully,



Max Maschewske  
Radiation Safety Officer  
Mahle Industries, Inc.

Enclosure

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FSME03

## 2012 Material Transfer Information

Mahle = Mahle Industries Inc. 2020 Sanford St. Muskegon, MI 49443  
 Padnos = Padnos Iron and Metal Co. P.O. Box 1979, Holland, MI 49422-1979

Radioactive Material	Material into which by-product material has been introduced			Activity(mCi/KG) at Introduction	Activity(mCi/KG) at Transfer	Reason for Transfer	Date of Transfer	Recipient of Transfer
		Quantity	Owner					
Tritium-H <sub>3</sub>	PSA 2.0L-engine	1	Mahle	1.842	0.022	Scrapped	12/14/2012	Padnos
Tritium-H <sub>3</sub>	Ford 4.0L-engine	1	Mahle	1.313	0.013	Scrapped	11/12/2012	Padnos
Tritium-H <sub>3</sub>	Ford 2.0L-engine	1	Mahle	1.156	0.013	Scrapped	11/12/2012	Padnos
Tritium-H <sub>3</sub>	Ford 5.0L-engine	1	Mahle	0.728	0.021	Scrapped	11/9/2012	Padnos
Tritium-H <sub>3</sub>	Ford 5.0L-engine	1	Mahle	1.719	0.011	Scrapped	11/9/2012	Padnos
Tritium-H <sub>3</sub>	Ford 6.2L-engine	1	Mahle	2.001	0.022	Scrapped	11/9/2012	Padnos
Tritium-H <sub>3</sub>	Ford 2.0L-engine	1	Mahle	1.592	0.023	Scrapped	11/9/2012	Padnos
Tritium-H <sub>3</sub>	Ford 6.2L-engine	1	Mahle	1.253	0.017	Scrapped	10/17/2012	Padnos
Tritium-H <sub>3</sub>	Ford 3.5L-engine	1	Mahle	1.335	0.014	Scrapped	2/23/2012	Padnos
Tritium-H <sub>3</sub>	GMPT 2.2L-engine	1	Mahle	2.922	0.015	Scrapped	2/22/2012	Padnos
Tritium-H <sub>3</sub>	Ford 3.5L-engine	1	Mahle	0.747	0.011	Scrapped	2/21/2012	Padnos
Tritium-H <sub>3</sub>	Ford 4.6L-engine	1	Mahle	2.962	0.021	Scrapped	2/21/2012	Padnos
Tritium-H <sub>3</sub>	Ford 5.0L-engine	1	Mahle	1.948	0.016	Scrapped	10/22/2012	Padnos
Tritium-H <sub>3</sub>	Ford 2.0L-engine	1	Mahle	2.020	0.020	Scrapped	10/22/2012	Padnos
Tritium-H <sub>3</sub>	Ford 5.4L-engine	1	Mahle	1.212	0.011	Scrapped	10/17/2012	Padnos
Tritium-H <sub>3</sub>	Ford 4.6L-engine	1	Mahle	1.586	0.014	Scrapped	10/17/2012	Padnos
Tritium-H <sub>3</sub>	Ford 3.5L-engine block	1	Mahle	2.258	0.020	Scrapped	10/17/2012	Padnos
Tritium-H <sub>3</sub>	Ford 3.7L-engine	1	Mahle	1.578	0.016	Scrapped	10/17/2012	Padnos
Tritium-H <sub>3</sub>	Ford 5.4L-engine	1	Mahle	2.605	0.012	Scrapped	10/17/2012	Padnos
Tritium-H <sub>3</sub>	GMPT 6.0L-engine	1	Mahle	0.861	0.011	Scrapped	2/21/2012	Padnos
Tritium-H <sub>3</sub>	GMPT 6.0L-engine	1	Mahle	1.957	0.027	Scrapped	2/21/2012	Padnos
Tritium-H <sub>3</sub>	GMPT 6.2L-engine	1	Mahle	2.267	0.028	Scrapped	2/20/2012	Padnos
Tritium-H <sub>3</sub>	Ford 3.5L-engine	1	Mahle	0.756	0.010	Scrapped	2/20/2012	Padnos
Tritium-H <sub>3</sub>	GMPT 6.0L-engine	1	Mahle	1.683	0.019	Scrapped	2/20/2012	Padnos
Tritium-H <sub>3</sub>	Ford 4.0L-engine	1	Mahle	1.415	0.011	Scrapped	2/16/2012	Padnos
Tritium-H <sub>3</sub>	Ford 6.2L-engine	1	Mahle	1.211	0.015	Scrapped	2/16/2012	Padnos
Tritium-H <sub>3</sub>	Ford 3.5L-engine	1	Mahle	1.357	0.017	Scrapped	2/16/2012	Padnos
Tritium-H <sub>3</sub>	Ford 2.0L-engine	1	Mahle	1.064	0.024	Scrapped	2/16/2012	Padnos