



## Test Monitoring Center

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MEMORANDUM: 09-053

DATE: November 2, 2009

TO: Roller Follower Wear Test Surveillance Panel  
Engine Oil Aeration Test Surveillance Panel  
C13 Surveillance Panel

FROM: Jeff Clark

SUBJECT: Reference Testing for the October 2009 ASTM Period

This is a summary of low-activity multi-cylinder diesel reference test areas for the October 2009 ASTM period, which began April 1, 2009 and ended September 30, 2009. The following paragraphs provide a brief summary for each test area and highlight issues of concern, if any. Attachment 1 shows activity levels for each test area presented in this report. Attachment 2 shows the reference oil supply for each of the references oil used in the tests covered by this report.

### C13

There is currently one calibrated stand.

### Roller Follower Wear Test

There is currently one calibrated stand.

### Engine Oil Aeration Test

There is currently one calibrated stand at one laboratory.

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Additional Information:

The reference test databases, the industry LTMS plots, industry alarm logs, and timelines may all be accessed from the TMC home page at [www.astmtmc.cmu.edu](http://www.astmtmc.cmu.edu).

JAC/jac/mem09-053.jac.doc

Attachment

c: F.M. Farber, TMC

<ftp://ftp.astmtmc.cmu.edu/docs/diesel/eoat/semiannualreports/eoat-10-2009.pdf>

<ftp://ftp.astmtmc.cmu.edu/docs/diesel/rfwt/semiannualreports/rfwt-10-2009.pdf>

[ftp://ftp.astmtmc.cmu.edu/docs/diesel/cat\\_c13/semiannualreports/C13-10-2009.pdf](ftp://ftp.astmtmc.cmu.edu/docs/diesel/cat_c13/semiannualreports/C13-10-2009.pdf)

Distribution: Email

## Attachment 1

### Reference Oil Test Activity of Multi-Cylinder Diesel Tests

<b>Validity</b>	<b>C13</b>	<b>RFWT</b>	<b>EOAT</b>
<b>AC / AG</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>OC</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>LC / RC</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>XC / XG</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>Calibrated As Of March 31, 2009</b>			
<b>Labs</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>Stands</b>	<b>1</b>	<b>1</b>	<b>1</b>

## Attachment 2

### Reference Oil Inventory and Estimated Life<sup>A</sup>

<b>Oil</b>	<b>Tests</b>	<b>TMC Inventory</b>	<b>Lab Inventory<sup>B</sup></b>	<b>Estimated Life<sup>C</sup></b>
<b>831</b>	<b>C13, ISB</b>	<b>17</b>	<b>25</b>	<b>0.5 years</b>
<b>831-1</b>	<b>C13, ISB</b>	<b>751</b>	<b>150</b>	<b>5+ years</b>
<b>1004-3</b>	<b>EOAT, RFWT</b>	<b>29</b>	<b>14</b>	<b>1 years</b>
<b>1005-2</b>	<b>T-8, EOAT, RFWT</b>	<b>0</b>	<b>178</b>	<b>~ 1 year</b>
<b>1005-3<sup>D</sup></b>	<b>T-8, EOAT, RFWT</b>	<b>2200</b>	<b>0</b>	<b>5+ years</b>

<sup>A</sup>Inventories are expressed in gallons.

<sup>B</sup>Active laboratories.

<sup>C</sup>Time estimate is based on most recent activity levels.

<sup>D</sup>TMC will release 1005-3 to labs upon completion of Quality Assurance analysis.