



## Test Monitoring Center

6555 Penn Avenue  
Pittsburgh, PA 15206-4489  
(412) 365-1000

MEMORANDUM: 07-032

DATE: May 22, 2007

TO: Mack Test Surveillance Panel  
Two-Cycle Diesel Surveillance Panel  
Roller Follower Wear Test Surveillance Panel  
Engine Oil Aeration Test Surveillance Panel

FROM: Jeff Clark

SUBJECT: Reference Testing for the April 2007 ASTM Period

This is a summary of several low-activity multi-cylinder diesel reference test areas for the April 2007 ASTM period, which began October 1, 2006 and ended March 31, 2007. 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 of the four test areas presented in this report.

### Mack T-8

The TMC is out of oil 1004-3 and further reblends are not available. The TMC has submitted a proposal to the Mack Test Surveillance Panel to introduce TMC oil 1005-2 as a reference oil.

### Detroit Diesel 6V92

There is one calibrated stand at one laboratory. Reference oil test targets and candidate adjustment factors were updated effective January 1, 2007.

### Roller Follower Wear Test

There are currently two calibrated stands at two laboratories.

### 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/mem07-032.jac.doc

Attachment

c: J.L. Zalar, TMC

F.M. Farber, TMC

<ftp://ftp.astmtmc.cmu.edu/docs/diesel/eoat/semiannualreports/eoat-04-2007.pdf>

<ftp://ftp.astmtmc.cmu.edu/docs/diesel/rfwt/semiannualreports/rfwt-04-2007.pdf>

<ftp://ftp.astmtmc.cmu.edu/docs/diesel/6v92/semiannualreports/6v92-04-2007.pdf>

<ftp://ftp.astmtmc.cmu.edu/docs/diesel/mack/semiannualreports/t-8/t8-04-2007.pdf>

Distribution: Email

**Attachment 1**  
**Reference Oil Test Activity of Multi-Cylinder Diesel Tests**

| <b>Validity</b>                        | <b>T-8</b> | <b>6V92</b> | <b>RFWT</b> | <b>EOAT</b> |
|--|------------|-------------|-------------|-------------|
| <b>AC</b>                              | <b>3</b>   | <b>1</b>    | <b>2</b>    | <b>0</b>    |
| <b>OC</b>                              | <b>0</b>   | <b>0</b>    | <b>0</b>    | <b>0</b>    |
| <b>RC</b>                              | <b>0</b>   | <b>0</b>    | <b>0</b>    | <b>0</b>    |
| <b>XC</b>                              | <b>0</b>   | <b>0</b>    | <b>0</b>    | <b>0</b>    |
| <b>Total</b>                           | <b>3</b>   | <b>1</b>    | <b>2</b>    | <b>0</b>    |
| <b>Calibrated As Of March 31, 2007</b> |            |             |             |             |
| <b>Labs</b>                            | <b>2</b>   | <b>1</b>    | <b>2</b>    | <b>1</b>    |
| <b>Stands</b>                          | <b>3</b>   | <b>1</b>    | <b>2</b>    | <b>1</b>    |