



Test Monitoring Center

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MEMORANDUM: 08-014

DATE: April 3, 2008

TO: Mack Test Surveillance Panel
Two-Cycle Diesel Surveillance Panel
Roller Follower Wear Test Surveillance Panel
Engine Oil Aeration Test Surveillance Panel
C13 Surveillance Panel

FROM: Jeff Clark

SUBJECT: Reference Testing for the April 2008 ASTM Period

This is a summary of several low-activity multi-cylinder diesel reference test areas for the April 2008 ASTM period, which began October 1, 2007 and ended March 31, 2008. 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 are currently three calibrated stands at three laboratories.

Mack T-8

There are currently three calibrated stands at two laboratories.

Detroit Diesel 6V92

There are no calibrated stands. There has been no reference test activity since December 2006.

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.

JAC/jac/mem08-014.jac.doc

Attachment

c: J.L. Zalar, TMC

F.M. Farber, TMC

<ftp://ftp.astmtmc.cmu.edu/docs/diesel/eoat/semiannualreports/eoat-04-2008.pdf>

<ftp://ftp.astmtmc.cmu.edu/docs/diesel/rfwt/semiannualreports/rfwt-04-2008.pdf>

<ftp://ftp.astmtmc.cmu.edu/docs/diesel/6v92/semiannualreports/6v92-04-2008.pdf>

<ftp://ftp.astmtmc.cmu.edu/docs/diesel/mack/semiannualreports/t-8/t8-04-2008.pdf>

ftp://ftp.astmtmc.cmu.edu/docs/diesel/cat_c13/semiannualreports/C13-04-2008.pdf

Distribution: Email

Attachment 1

Reference Oil Test Activity of Multi-Cylinder Diesel Tests

Validity	T-8	6V92	RFWT	EOAT
AC / AG	2 ^A	0	2	0
OC	0	0	0	0
LC / RC	1 ^B	0	0	0
XC / XG	1 ^C	0	0	0
Total	4	0	2	0
Calibrated As Of March 31, 2008				
Labs	3	0	2	1
Stands	3	0	2	1

^A AG validity was a test donated for 1005-2 target generation.

^B Test invalid due to inlet air restriction being out of spec.

^C Test aborted for missing the soot window.

Attachment 2

Reference Oil Inventory and Estimated Life

Oil	Tests	TMC Inventory^A	Lab Inventory	Estimated Life^B
831	C13, ISB	17	100	0.5 years
831-1	C13, ISB	1021	75	5+ years
862-1	6V92	420	50	5+ years
1004-3	EOAT, RFWT	29	7	3 years
1005-2	T-8, EOAT, RFWT	653	168	5+ years

^AInventories are expressed in gallons.

^BTime estimate is based on most recent activity levels.