



Test Monitoring Center

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T-8 INFORMATION LETTER 07-2
Sequence No. 16

June 27, 2007

ASTM consensus has not been obtained on this information letter. An appropriate ASTM ballot will be issued in order to achieve such consensus.

TO: Mack Mailing List

SUBJECT: Soot Requirements for TMC Oil 1005-2

At the June 18, 2007 meeting, the Mack Test Surveillance Panel approved the following changes to the T-8 test procedure, ASTM Test Method D 5967:

Soot Requirements for TMC Oil 1005-2

The 250-h soot requirement for reference oil 1005-2 was set at 4.0 - 5.0 %. The 300-h soot requirement for reference oil 1005-2 was set at 4.8 – 5.8 %. Sections 9.6.3 and A8.1.3 have been modified and are attached.

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Attachment

c: ftp://ftp.astmtmc.cmu.edu/docs/diesel/mack/procedure_and_ils/T-8/il07-2.pdf

Distribution: Email

(Revises Test Method D 5967-05, as amended by Information Letters 06-1 and 07-1)

9.6.3 Soot Requirements—

9.6.3.1 All operationally valid calibration tests on TMC oil 1004-1 shall produce a TGA soot level between 4.0 to 4.6 % at 250 h.

9.6.3.2 All operationally valid calibration tests on TMC oil 1004-2 shall produce a TGA soot level between 4.0 to 4.8 % at 250 h.

9.6.3.3 All operationally valid calibration tests on TMC oil 1004-3 completed on or before December 31, 2006 shall produce a TGA soot level between 4.0 to 4.8 % at 250 h.

9.6.3.4 All operationally valid calibration tests on TMC oil 1004-3 completed on or after January 1, 2007 and all operationally valid calibration tests on TMC oil 1005-2 shall produce a TGA soot level between 4.0 to 5.0 % at 250 h.

9.6.3.5 A laboratory may terminate a calibration test that is projected to miss the 250 h test soot window. Calibration tests with soot levels outside the 250 h soot window are considered operationally invalid.

A8.1.3 Soot Requirements—

A8.1.3.1 All operationally valid calibration tests on TMC oil 1004-2 shall produce a TGA soot level between 4.0 and 4.8 % at 250 h and between 4.8 and 5.8 % at 300 h.

A8.1.3.2 All operationally valid calibration tests on TMC oil 1004-3 completed on or before December 31, 2006 shall produce a TGA soot level between 4.0 to 4.8 % at 250 h and between 4.8 and 5.8 % at 300 h.

A8.1.3.3 All operationally valid calibration tests on TMC oil 1004-3 completed on or after January 1, 2007 and all operationally valid calibration tests on TMC oil 1005-2 shall produce a TGA soot level between 4.0 to 5.0 % at 250 h. and between 4.8 and 5.8% at 300h.

A8.1.3.4 A lab may terminate a calibration test that is projected to miss either of these soot windows. Calibration tests that miss either of these soot windows are considered operationally invalid.