



Test Monitoring Center

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T-12 Information Letter 14-1
Sequence No. 13
March 21, 2014

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: Procedure Update – Calibration of New Engines and T12A Flexibility

At the March 5, 2014 Mack Surveillance Panel meeting it was decided to remove Section 11.5.2.1 of the T-12 test method which specified that a new engine and EGR kit required a reference.

Also, it was decided via email ballot to change the T-12 test method to allow for more flexibility for running T-12A tests. Sections A9.5.1, A9.5.1.1 and A9.5.1.2 have been updated and are attached. Section A9.5.1.3 has been added and is also attached. This change is effective March 18, 2014.

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Attachment
c: ftp://ftp.astmtmc.cmu.edu/docs/diesel/mack/procedure_and_ils/T-12/il14-1.pdf

Distribution: Email

(Revises D7422-13 as amended by 13-1 and 13-2)

Delete Section 11.5.2.1.

A9.5.1 Test Stand/Engine Calibration (refer to 11.5) – MRV viscosity at 100 h may be obtained from a T-12 or a separate T-12A test using a flush-and-run engine. A separate T-12A result shall be completed in a calibrated T-12A engine and a test stand with a current T-12A stand calibration. The T-12A stand calibration may be from a MRV result after 100 h in a T-12 calibration test or a separate T-12A result that is within the reference oil acceptance criteria for the T-12A test.

A9.5.1.1 A T-12A flush-and-run engine is calibrated for five operationally-valid, non-reference oil tests after the completion of the last successful calibration test. A T-12A flush-and-run engine cannot utilize an engine build that has seen Phase II test conditions.

A9.5.1.2 A stand that is running both calibrated T-12 and flush-and-run T-12A tests has the calibration period for each test type tracked separately. When requesting a reference oil assignment for a calibration test from the TMC, labs shall indicate whether they are requesting the oil for a combination T-12/T-12A test or a separate T-12A flush-and-run test so that the TMC can properly track the test for calibration purposes.

A9.5.1.3 In accordance with the LTMS, the severity adjustment applied to a T-12A result is derived from the most recent calibration test, either a T-12 calibration or T-12A calibration.