



Test Monitoring Center

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L-42 Information Letter 14-1
Sequence Number 32
May 14, 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: L-42 Surveillance Panel

SUBJECT: Correction factor for use with TMC reference oil 117

The L-42 Surveillance Panel accepted reference oil 117 as a replacement for the depleted reference oil 116-1. At its May 7, 2014 meeting, the panel set the implementation date for this oil as May 30, 2014. This oil produces milder ring and pinion scoring than the oil it replaces. In order to preserve historic test severity (necessary since candidate pass limits are based on the stand's reference results), the surveillance panel has adopted ring and pinion scoring correction factors for use with this oil. A new section documenting these correction factors has been added to the test procedure. Revised D7452 text is shown in the attachment.

Thomas Gottwald
Chairman
L-42 Surveillance Panel

Frank Farber
Director
ASTM Test Monitoring Center

Attachment

cc: ftp://ftp.astmtmc.cmu.edu/docs/gear/142/procedure_and_ils/il14-1.pdf

Distribution: Email

(Revises Test Method D D7452-12)

Insert the following between section 9.1.1 and current section 9.1.2. Renumber sections accordingly:

9.1.2 *Correction Factor* - When using TMC reference oil 117 for stand calibration, add 6% to the pinion scoring result and add 4% to the ring scoring result. Report both the rated scoring and the corrected scoring in the space provided in the test report.