A Program of ASTM International

Test Monitoring Center

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L-60-1 Information Letter 10-1
Sequence Number 36
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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-60-1 Mailing List

SUBJECT: 1. Clarification of Validity for Tests Experiencing Excessive Oil Loss
2. Revised Instrumentation Calibration

At its May 12, 2010 meeting, the L-60-1 Surveillance Panel approved a revision to clarify the wording governing the validity of tests experiencing excessive oil loss. The panel also approved a second motion revising the instrumentation calibration requirement. The revised Sections 10.8 and 9.6 are shown on the following page. Both of these changes are effective May 12, 2010.

Rick Graziano
Chairman
L-60-1 Surveillance Panel

Frank M. Farber
Administrator
ASTM Test Monitoring Center

Attachment

c: ftp://ftp.astmtmc.cmu.edu/docs/gear/l601/procedure_and_ils/il10-1.pdf

Distribution: Email

10.8 Upon the completion of the test, immediately shut down the equipment. Remove the air line and drain the test lubricant into a clean, weighed container. The gear case cover plate may be loosened to facilitate draining but do not remove it. Drain the test stand for 30 min (±5 min). To determine the final oil mass measurement; weigh the container and drained oil and calculate the oil mass loss percent using the equation below:

$$Oil\ loss\ in\ mass\% = \frac{initial\ mass - final\ mass}{initial\ mass} \times 100$$

10.8.1 Any test exceeding a mass loss of 20% is operationally invalid.

9.6 Immediately prior to commencing each reference oil test, calibrate the large gear shaft speed system, alternator output system, blower motor output system, air flow controller system, air box temperature control system, and oil temperature control system against standards traceable to NIST. Instrumentation calibrations prior to reference oil tests that follow a failed or invalid first attempt are at the discretion of the test laboratory. Retain record of these calibrations for a minimum of two years.