



Test Monitoring Center

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L-37-1 Information Letter 18-1
Sequence Number 001
November 29, 2018

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-37-1 Surveillance Panel

SUBJECT: 1. Requirement to Include Ring Gear Photos in Test Report
2. LTMS Reference Added
3. Type of Test Added to Broken or Cracked Tooth Section 12.5

During a November 07, 2018 Surveillance Panel Meeting, the L-37 Panel agreed to add additions to four sections of the procedure. The change to section 8.2.1.3 is the additional requirement of including drive and coast side photos in the test report. Changes to sections 9.3.3 and 9.3.5 are made to reference the LTMS document. The change to section 12.5 is to clarify the type of test to which the wording in the section applies.

The text of the revisions is shown in the attachment. The changes are effective immediately.

Robert Slocum
Chairman
L-37-1 Surveillance Panel

Frank Farber
Director
ASTM Test Monitoring Center

Attachment

c: http://www.astmtmc.cmu.edu/ftp/docs/gear/l371/procedure_and_ils/il18-1.pdf

Distribution: Email

(Revises Test Method D 8165-17)

Replace section 8.2.1.3 with the following:

8.2.1.3 Include both drive and coast side contact pattern photos of the ring gear in the test report. Use only acceptable gear tooth contact patterns as determined in the TMC L-37-1 Axle Assembly Build Manual available from the TMC.

Replace section 9.3.3 with the following:

9.3.3 Moving the rigid axle fixture (6.3.3) is considered a significant change to the stand and requires the test stand to meet new test stand calibration and referencing requirements as described in the LTMS document.¹⁶

Replace section 9.3.5 with the following:

9.3.5 When a test stand is out of reference for a period of six months or longer, renumber the stand, and recalibrate as described in A2.2 and the LTMS document.¹⁶

Create new footnote 16 as shown below and renumber subsequent footnotes:

¹⁶ Criteria can be found in the Lubricant Test Monitoring System, available from the Test Monitoring Center, <https://www.astmtmc.cmu.edu/>

Replace section 12.5 with the following:

12.5 Any non-reference oil test exhibiting a broken or cracked pinion or ring gear tooth is non-interpretable. Note any broken or cracked teeth in the comment section of the test report.