



Test Monitoring Center

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L-37-1 Information Letter 19-1
Sequence Number 002
February 21, 2019

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: Typographical error corrected in sections 10.4, 10.5 of the test method

During a February 13, 2019 Surveillance Panel Meeting, the L-37-1 Panel agreed to correct a typographical error found in section 10.4 of the procedure. The procedure states that during the gear test phase, the conditions are to be held until the axle lubricant temperature reaches $79^{\circ}\text{C} \pm 2^{\circ}\text{C}$. The surveillance panel agreed that in actuality these are not the conditions the test is being run to and instead the wording should state “until the axle lubricant temperature reaches greater than or equal to 79°C “. The correction is to apply to sections 10.4.2, 10.4.2.2, 10.5.1.3, and 10.5.1.5.

The revisions to Test Method D8165 are shown in the attachment. The changes are effective February 13, 2019.

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/il1901_L371.pdf

Distribution: Email

(Revises Test Method D 8165-17 as amended by Information Letter 18-01)

Replace section 10.4.2 with the following:

10.4.2 Smoothly ramp the input motor to (80 ± 2) wheel r/min and apply dynamometer torque to achieve a torque of $1415 \text{ N}\cdot\text{m} \pm 47 \text{ N}\cdot\text{m}$ on each wheel end. Hold at this condition until the axle lubricant temperature reaches **greater than or equal to 79°C** .

Replace section 10.4.2.2 with the following:

10.4.2.2 Once the axle lubricant temperature reaches **greater than or equal to 79°C** smoothly apply dynamometer load to achieve a torque load of $2359 \text{ N}\cdot\text{m} \pm 47 \text{ N}\cdot\text{m}$ on each wheel end.

Replace section 10.5.1.3 with the following:

10.5.1.3 If the restart occurs following a shutdown during the test phase, apply a dynamometer load on each wheel to achieve a torque value of $1415 \text{ N}\cdot\text{m} \pm 47 \text{ N}\cdot\text{m}$ until the lubricant temperature reaches **greater than or equal to 79°C** .

Replace section 10.5.1.5 with the following:

10.5.1.5 Once lubricant temperature reaches **greater than or equal to 79°C** , smoothly apply dynamometer torque on each wheel to achieve the torque set point condition at the time of the shutdown.