A Program of ASTM International

Test Monitoring Center

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L-60-1 Information Letter 19-1
Sequence Number 49
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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 Surveillance Panel

SUBJECT: 1. Corrosion inhibiting paper supplier changed from sole supplier to a suitable option
2. Paper towel wrap requirement removed

During a November 13, 2019 meeting, the L-60-1 Surveillance Panel discussed the wording of section 8.4.1 in the test procedure. The wording called out Nox-Rust paper as the sole corrosion inhibiting paper supplier for the test. The panel agreed to change the wording to make Nox-Rust a suitable supplier instead of the only supplier. In addition, the requirement of wrapping the gears in a paper towel has been removed since this would act as a barrier between the gear surface and the corrosion inhibiting paper.

Kristijan Drlja 2019.11.25 07:45:50 -05'00'

Kristijan Drlja
Chairman
L-60-1 Surveillance Panel

Frank M Farber

Frank M. Farber
Director
ASTM Test Monitoring Center

Attachments

cc: http://www.astmtmc.cmu.edu/docs/gear/l601/procedure_and_ils/il19-1.pdf

Distribution: Email

(Revises Test Method D 5704-17)

Replace the text of section 8.4.1 with the following:

8.4.1 Prepare each gear with new Screen-Kut silicon carbide C-180 paper.23,11 Place a new piece of silicon carbide paper on a solid surface that has a thickness greater than or equal to 1⁄2 in. (12.7 mm). Saturate the entire silicon carbide paper with cleaning solvent (see 7.5). Use one new piece of silicon carbide paper per gear side, using both sides of the silicon carbide paper as necessary. Sand both sides of the test gears, with the required gear holder apparatus (6.1.16) on the silicon carbide paper, using a figure eight motion. Do not apply a downward force to the gear holder while sanding. Sand the gears until the manufacturer's machining marks are removed. After final examination, wash gears once more with cleaning solvent (see 7.5) and finally with a volatile hydrocarbon solvent (see 7.6 or 7.7), to facilitate air drying. Allow gears to air dry. If the gears are not to be used immediately, ~~wrap them in a paper towel~~ wrap the gears in corrosion inhibiting paper. At this time Nox-Rust paper has been found to be suitable by the committee.[24,11]

11 If you are aware of alternative suppliers, please provide this information to ASTM Headquarters. Your comments will be given careful consideration at a meeting of the responsible technical committee, which you may attend.

24 The sole source of supply of the apparatus known to the committee at this time is DaubertVCI, Inc., 1333 Burr Ridge Parkway, Suite 200, Burr Ridge, IL 60527.