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EOGT Information Letter 26-1
October 30, 2026

ASTM consensus has not yet been obtained on this information letter. An appropriate ASTM ballot will be issued in order to achieve such consensus.

TO: Engine Oil Gelation Test (EOGT) Mailing List

SUBJECT: Revisions to the ASTM D 8665 (EOGT) Test Method

On October 16, 2026, the Engine Oil Gelation Test (EOGT) Surveillance Panel voted to amend eight sections of procedure in the ASTM D 8665 test method.

Specifics of the procedural changes are documented on the following page. These updates to the EOGT test procedure are effective as of October 16, 2026.

/s/ *M. D. Deegan*

Michael Deegan
EOGT Test Sponsor
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Attachment

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Revises D8665-26

6.5 *Laboratory Hot Plate*, with magnetic stirring capabilities of at least 400 rpm and maintaining a sample temperature of at least 45 °C ± 5°C.

~~6.5.1 Built in temperature probe is optional. Thermo-Scientific Super-Nuova Digital Stirring Hotplate CAT #SP135935Q has been found acceptable.~~

6.6.1 It is allowable for the Probe to be a built-in function of the hotplate that ensures operational conditions are met.

11.1.2 Submerge the dispersing tool so that it rests on the bottom of the container. Shear the sample at 7000 rpm ± 200 rpm for a total of 90 s ± 5 s, while ~~manually~~ revolving the test oil container slowly along the inside wall in a continuous circular motion at approximately 3 s to 6 s per rotation. Below are some guidelines for this step.

11.4 Run each ~~non-reference and reference~~ oil sample in duplicate; repeat Section 10 and 11 for each ~~non-reference and each reference~~ oil sample. A single run (non-duplicate) of the current Quality Control oil is also run in accordance with the current Lubricant Test Monitoring System (LTMS) document.

11.5 For TMC-monitored tests, run the TMC reference oils in the frequency defined in the current version of the LTMS document. ~~on the same day or before the non-reference oil samples.~~

13.1 Test two TMC-coded reference oils according to the frequency defined in the current LTMS document to establish lab calibration status. ~~along with each batch of non-reference oil tests. Run the references with, and in the same batch as, the non-reference oils.~~

13.1.3 Run the TMC reference oil tests according to the test method and in the same manner as the non-reference oil test(s). ~~Run the reference oil simultaneously with, and in the same batch as the non-reference oils. Reference oils and nonreference oils in the same batch shall be run within the same 4 h time frame~~.