



Test Monitoring Center

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Information Letter 13-1
Sequence No. 1

September 18, 2013

TO: EOWT Mailing List

SUBJECT: Revision of Water Amounts used in Sample Blending Procedures

On July 17, 2013, the EOWT Surveillance Panel approved a motion to revise the oil blending procedures listed in D6794 in regards to the amount of oil and water used to mix up an individual sample for testing. These revisions include slight changes to the amounts of test oil mixed with water to reach the desired water concentration levels for testing. As currently written, the same amount of test oil is used regardless of the amount of water added, which would correlate to 0.60%, 1.00%, 1.97%, and 2.93% water concentration in the blended samples. As revised, they would correlate to 0.6%, 1.0%, 2.0%, and 3.0% water concentration, as originally intended when the test method was developed.

Revised sections 9.1 and 9.3 are attached. This change is effective on September 18, 2013.

Yong-Li McFarland
Chairwoman
EOWT Surveillance Panel

Frank M. Farber
Director
ASTM Test Monitoring Center

Attachment

c: ftp://ftp.astmtmc.cmu.edu/docs/bench/eowt/procedure_and_ils/eowtil13-1-1.pdf

Distribution: Email

9.1 Mix (49.7 ± 0.1) g of test oil, (0.3 ± 0.05) g [(0.3 ± 0.05) mL with the 1000 μ L syringe] of deionized water in the blender for (30 ± 1) s at 18 000 rpm ± 10 %.

Cover the top of the container loosely to prevent oil spattering.

9.3 Repeat 9.1 and 9.2 with (49.5 ± 0.1) g of test oil and (0.5 ± 0.05) g water, (49.0 ± 0.1) g of test oil and (1.0 ± 0.05) g water, and (48.5 ± 0.1) g of test oil and (1.5 ± 0.05) g water.