



Test Monitoring Center

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OSCT Information Letter 07-1  
Sequence No. 10  
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***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: OSCT Mailing List

SUBJECT: Test Oil Temperature Data Logging and Tolerance

At the August 8, 2007 OSCT Surveillance Panel meeting, the panel approved a motion requiring test oil temperature to be recorded at a minimum of once every minute. Any one-minute reading outside the tolerance invalidates the test. A revised Section 8.4.4 and new Sections 8.4.4.1 and 8.4.4.2 of Test Method D5662 are attached. A new Table 1 has been added and the old Table 1 has been renumbered Table 2. This change is effective 30 days after the date of this information letter.

Don Bell  
Chairman  
OSCT Surveillance Panel

John L. Zalar  
Administrator  
ASTM Test Monitoring Center

Attachment

c: [ftp://ftp.astmtmc.cmu.edu/docs/gear/osct/procedure\\_and\\_ils/il07-1.pdf](ftp://ftp.astmtmc.cmu.edu/docs/gear/osct/procedure_and_ils/il07-1.pdf)

Distribution: Email

(Revises Test Method D5662-06a)

8.4.4 Place the tubes randomly in an oil bath capable of maintaining a test oil temperature within  $\pm 1^{\circ}\text{C}$  for a period of  $240 \pm 0.5$  h (see Table 1).

TABLE 1

Material	Test Oil Temperature $^{\circ}\text{C}$	Test Oil Temperature Tolerance $^{\circ}\text{C}$
Nitrile	100	$\pm 1$
Polyacrylate	150	$\pm 1$
Fluoroelastomer	150	$\pm 1$

8.4.4.1 Measure the test oil temperature with a thermocouple or resistance temperature detector (RTD) inside a dummy test tube containing bath oil within the oil bath.

8.4.4.2 Record test oil temperature at a minimum of once every minute. A reading outside the tolerance in Table 1 invalidates the test.

Renumber old TABLE 1 to TABLE 2

In 10.1, 10.1.1.1, and 10.1.2.1, change Table 1 to Table 2.