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Test Monitoring Center

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Sequence IIIG Information Letter 11-1
Sequence No. 31
June 22, 2011

TO: Sequence III Mailing List

SUBJECT: Additional Oil Filter Change Criteria

During the March 31, 2011 Surveillance Panel meeting, the panel agreed to a change in the wording of the Test Method to provide additional criteria for oil filter changes. Sections 6.10.5 and 6.10.5.2 have been revised to address these additional criteria.

The attached changes to Test Method D 7320 are effective June 22, 2011.

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Attachments

c: ftp://ftp.astmtmc.cmu.edu/docs/gas/sequenceiii/procedure_and_ils/IIIG/IL11-1.pdf

Distribution: Electronic Mail

Modifies Test Method D7320-10

as amended by Information Letters 10-2, 10-3, 10-4 and 10-5

6.10.5 The oil cooler or oil filter, or both, can be replaced once each test if (a) the oil filter pressure differential during test operations is greater than 100 kPa, if (b) bypass operation is detected, or if (c) the oil pressure delta slowly climbs as test hours are accumulated and decreases by more than 10 kPa in less than 1 min. If the real-time oil delta pressure value exceeds the average of the test's first hour delta pressure by 10 kPa, the oil filter can be replaced.

6.10.5.1 The oil cooler and oil filter can be replaced at the same time only once each test.

6.10.5.2 If the oil filter is replaced during the test, place a pan underneath it to catch any oil lost from the system or filter, or both. Invert the oil filter and allow the filter to drain any oil contained in the old oil filter. Allow the filter to drain for a minimum of 15 min. Add the captured oil to the new oil filter before installing it on the test engine.