



Test Monitoring Center

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SEQUENCE VIII INFORMATION LETTER NO. 02-1
Sequence No. 3

May 20, 2002

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

TO: Sequence VIII Mailing List

SUBJECT: Stay-In-Grade Oil Analysis Procedure Revisions

This information letter implements action items approved by the Sequence VIII Surveillance Panel. This information letter addresses specific parts and procedures pertaining to quality, consistency, performance, and accountability of test parts as part of the ongoing effort by the panel to ensure continual process improvement of the Sequence VIII test. This information letter references the latest published version of the Sequence VIII procedure, Test Method D6709-01.

Stay-In-Grade Oil Analysis Procedure Revisions

At the May 14, 2002, meeting of the Sequence VIII Surveillance Panel, the panel approved a motion to revise the Stay-In-Grade Oil Analysis Procedure listed in Test Method D6709-01. The changes consist of specifying that the one hour time clock for the stripping portion be started when the oil sample reaches 115 °C and also to specify that the nitrogen sparge be used as the stirring mechanism, eliminating the use of a mechanical stirring device. Revised Sections A14.1.1 and A14.1.2 and new Sections A14.1.2.1 and A14.1.2.2 are attached. These changes are effective for all tests completed on or after June 15, 2002.

Fred Gerhart
Chairman
Sequence VIII Surveillance Panel

John L. Zalar
Administrator
ASTM Test Monitoring Center

Attachment

c: ftp://ftp.astmtmc.cmu.edu/docs/gas/sequenceviii/procedure_and_ils/il02-1.pdf

Distribution: Email

A14.1.1 Weigh 25 g of the test oil sample taken at 10 h into a 50-mL three-necked round-bottom flask equipped with a thermometer, gas inlet tube, and distillation side arm.

A14.1.2 Heat the sample at 120 ± 5 °C in a vacuum of 100 mm Hg with a nitrogen sparge for 1 h. Do not consider warm-up time to meet the specified temperature as part of the 1 h.

A14.1.2.1 Place the gas inlet tube beneath the surface of the oil sample in the flask so that the nitrogen sparge stirs the sample during the heating operation.

A14.1.2.2 Begin the 1-h time clock when the oil sample reaches 115 °C.