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Sequence IIIH Information Letter 19-3
Sequence Number 12
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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 III Surveillance Panel

SUBJECT: Correction to Table 7

      Recently, it was noted that Table X1.1 did not identify apparent viscosity (MRV) as a parameter that has a transformation applied to it when comparing results. A note has been added to Table X1.1 to identify this parameter as having a transformation. This change is effective with the issuance of this letter.

      Test Method D8111-18a has been revised to incorporate these changes. The text of the revisions is shown in the attachment.

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Attachment

c: http://www.astmtmc.cmu.edu/ftp/docs/gas/sequenceiii /procedure_and_ils/IIIH/il19-3_IIIH.pdf

Distribution: Email

(Revises D8111-18 as amended by Information Letters 18-3, 18-4, 19-1 and 19-2)

TABLE X1.1 Test Precision for Sequence IIIHA[A]

Quantity, units	Intermediate Precision[B]		Reproducibility[C]	
	$S_{ip}{}^D$	ip	$S_R{}^D$	R
Apparent viscosity (MRV) at EOT[E], mPa·s	0.622	1.742	0.622	1.742

[A] These statistics are based on 40 tests conducted on 8 stands at 5 laboratories on ASTM TMC Reference Oils 434-2, 436, and 438-1, and were calculated on June 6, 2016.

[B] See 14.1.2.

[C] See 14.1.3.

[D] S is the estimated standard deviation.

[E] This parameter is transformed using ln (result). When comparing two test results on this parameter, first apply this transformation to each test result. Compare the absolute difference between the transformed results with the appropriate (intermediate precision or reproducibility) precision limit.