



## Test Monitoring Center

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Sequence IIIH Information Letter 20-3  
Sequence Number 16  
May 19, 2020

***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 7 of test method D8111-19b is in error. Specifically, Average WPD is shown as being a transformed parameter, as identified by Footnote E. However, this parameter does not have a transform applied to it. Test Method D8111-19b has been revised to correct this error. The text of the revision is shown in the attachment.

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Attachment

c: [http://www.astmtmc.cmu.edu/ftp/docs/gas/sequenceiii/procedure\\_and\\_ils/IIIH/il20-3\\_IIIH.pdf](http://www.astmtmc.cmu.edu/ftp/docs/gas/sequenceiii/procedure_and_ils/IIIH/il20-3_IIIH.pdf)

Distribution: Email

(Revises D8111-19b as amended by Information Letters 20-1 and 20-2)

**TABLE 7 Test Precision for Sequence IIH<sup>A</sup>**

Quantity, units	Intermediate		Reproducibility <sup>C</sup>	
	Precision <sup>B</sup>			
	$S_p^D$	$ip$	$S_R^D$	$R$
Kinematic viscosity increase at EOT, % <sup>E</sup>	0.706	1.977	0.710	1.988
Average WPD <sup>F</sup> , merit	0.475	1.330	0.497	1.392

<sup>A</sup> 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.

<sup>B</sup> See 14.1.2.

<sup>C</sup> See 14.1.3.

<sup>D</sup>  $S$  is the estimated standard deviation.

<sup>E</sup> 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.

<sup>F</sup> Weighted piston deposits (see 12.3.5.8).