



## Test Monitoring Center

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Sequence IIIH Information Letter 21-1  
Sequence Number 19  
January 26, 2021

TO: Sequence III Surveillance Panel

SUBJECT: 1. Removal of Fuel Specification from Test Method  
2. Addition of Table 5.  
3. Updated website address for Test Monitoring Center

1. As the result of a recent email ballot, the Sequence III Surveillance Panel agreed to an updated fuel specification. The panel further agreed that this specification will no longer appear in the Test Method, but would be posted on the TMC website. Section 7.1 has been revised to remove reference to Table A12.1 and Annex A12 is deleted.
2. Recently, it was noted the Over and under ranges used in Quality Index calculations were not in the test method. These were included in a new Table 5, as part of Information Letter 18-004, but were never incorporated into the Test Method.
3. The Test Monitoring Center website address has been revised. Footnotes 5, 14 and reference in Annex A1.1 have been updated to reflect the new address.

Attached are the revised sections of Test Method D8111. This change is effective January 14, 2021.

Michael Shaw  
Manager,  
Materials, Joining and Laboratories Group  
Stellantis N.V.

Frank M. Farber  
Director  
ASTM Test Monitoring Center

Attachment

c: [http://www.astmtmc.cmu.edu/ftp/docs/gas/sequenceiii/procedure\\_and\\_ils/IIIH/il21-1\\_iiih.pdf](http://www.astmtmc.cmu.edu/ftp/docs/gas/sequenceiii/procedure_and_ils/IIIH/il21-1_iiih.pdf)

Distribution: Email

## Revises D8111-20b as Amended by Information Letters 20-3, 20-4 and 20-5

7.1 *Test Fuel*—Use only Sequence III HF-003 EEE unleaded fuel.<sup>10,19</sup> (**Warning**—Flammable. Health hazard.) The fuel specification is available from the ASTM Test Monitoring Center website: [www.astmtmc.org](http://www.astmtmc.org).

Delete existing Annex A12 and renumber existing Annexes A13 and A14 as A12 and A13.

Add new Table 5 below and relabel existing Tables 5 through 7 as Tables 6 through 8, respectively:

**TABLE 5**

**U and L Constants and Over and Under-Range Values**

Parameter	U	L	Over-Range	Under-Range
Coolant flow	171.43	168.57	244.3	91.7
Coolant out temperature	115.46	114.54	138.9	91.1
Exhaust backpressure	4.58	4.42	8.7	0.3
Dew point	18.1	14.1	120.0	0
Intake air pressure	0.07	0.03	1.1	-1.0
Intake air temperature	35.37	34.63	54.2	15.8
Oil block temperature	151.42	150.58	172.8	129.2
Speed	3905	3895	4160	3640
Torque	250.98	249.02	300.9	199.1
Fuel temperature	31	29	82	0

<sup>5</sup>Guidelines for Calibration can be found in the Lubricant Test Monitoring System, available from the Test Monitoring Center, [www.astmtmc.org](http://www.astmtmc.org).

<sup>14</sup>Available from the TMC, 6555 Penn Avenue, Pittsburgh, PA 15206-4489. [www.astmtmc.org](http://www.astmtmc.org).

### A1.1 *Nature and Functions of the ASTM Test Monitoring*

*Center (TMC)*—The TMC is a non-profit organization located in Pittsburgh, Pennsylvania and is staffed to: administer engineering studies; conduct laboratory inspections; perform statistical analyses of reference oil test data; blend, store, and ship reference oils; and provide the associated administrative functions to maintain the referencing calibration program for various lubricant tests as directed by ASTM Subcommittee D02.B0 and the **ASTM Test Monitoring System** Executive Committee. The TMC coordinates its activities with the test sponsors, the test developers, the surveillance panels, and the testing laboratories. Contact TMC through the TMC Director at:

ASTM Test Monitoring Center  
6555 Penn Avenue  
Pittsburgh, PA 15206-4489  
[www.astmtmc.org](http://www.astmtmc.org)