



Test Monitoring Center

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D4485 Information Letter 20-7
Sequence Number 14
July 13, 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: D4485 Mailing List

SUBJECT: Add Sequence IX test method (D8291) to the Referenced Documents section
Replace Multiple Test Acceptance Criteria with Multiple Test Evaluation Procedures

On July 3, 2020, the D4485 Surveillance Panel approved updates to the referenced documents section in ASTM Specification D4485, to correct an omission, and a replacement of Annex A1, to bring it in line with the most recent edition of the American Chemistry Council Petroleum Additives Product Approval Code of Practice.

The text of the revisions is shown in the attachment. These changes are effective with the issuance of this information letter.

Joe Franklin
Chairman
ASTM Subcommittee B

Frank M. Farber
Director
ASTM Test Monitoring Center

Attachment

c: http://www.astmtmc.cmu.edu/ftp/docs/d4485/IL_20-7_D4485.pdf

Distribution: Email

2. Referenced Documents

2.1 ASTM Standards:³

{Insert at the appropriate position; no other changes to listed documents.}

D8291 Test Method for Evaluation of Performance of Automotive Engine Oils in the Mitigation of Low-Speed, Preignition in the Sequence IX Gasoline Turbocharged Direct-Injection, Spark-Ignition Engine

ANNEXES

(Mandatory Information)

A.1 Multiple Test Evaluation Procedures (MTEP)

A.1.1 Multiple Test Evaluation Procedures (MTEP) are any data-based approach for evaluation of the quality and performance of a candidate formulation where one or more tests have been conducted.

A.1.2 The use of American Chemistry Council accepted MTEP ensures that all test sponsors base the performance representation of engine oils on a uniform treatment of data. Appendix F of the ACC Petroleum Additives Product Approval Code of Practice provides detailed instructions on how to perform calculations using all of the relevant Multiple Test Evaluation Procedures and guidelines to use for specifications that do not indicate how to handle test data. There are three types of MTEP in Appendix F. These are referred to as Multiple Test Acceptance Criteria (MTAC), Tiered Limit Method (TLM) and Merit Rating System (MRS).

The ACC Code of Practice can be found at the following link.

<https://www.americanchemistry.com/ProductsTechnology/PAPTG/PAPTG-Code-of-Practice-Resources/Petroleum-Additives-Product-Approval-Code-of-Practice.pdf>

{No changes to other Annexes.}