



Test Monitoring Center

203 Armstrong Drive, Freeport, PA 16229, USA

www.astmtmc.org
412-365-1000

Sequence IX Information Letter 23-2
Sequence Number 6
August 31, 2023

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 IX Surveillance Panel

SUBJECT: 1. Use of Machined Pistons
2. Revised Naming Convention for LSPI of Aged Oil

During the August 17, 2023 conference call, the Sequence IX Surveillance Panel agreed to the following changes to Test Method D8291-23:

1. To allow the use of additional alternate pistons. Section 7.2.1 has been modified and new footnote 15 has been added to identify which pistons are acceptable for testing purposes. Appendix X1 has been updated to include Section X1.5.4 for sourcing information of machined 2019 BB grade pistons.
2. Revised the title of Appendix X2 to reflect Sequence IX Aged Oil LSPI as the new title.

The revised text and/or section(s) have been highlighted in red and are effective August 17, 2023.

/s/ M. D. Deegan

Michael Deegan
FCSD, Service Product Development, SEO
Ford Motor Company

Jeffrey A. Clark
Executive Director
ASTM Test Monitoring Center

Attachment

c: https://www.astmtmc.org/ftp/docs/gas/sequenceix/procedure_and_ils/il23-2-ix.pdf

Distribution: Email

Revises D8291-23

7.2.1 Use short blocks with installed pistons stamped with BB on the piston crown. Where BB stamped pistons are not installed, use pistons, part number AG9Z-6108-D¹⁴, stamped AA1 and AB1. **Machined 2019 Grade BB¹⁵ pistons (MACH2019) may also be used, where BB pistons have not been installed.**

¹⁵ Available from Southwest Research Institute (See X1.5.4).

Renumber existing footnotes 15 to 32 as 16 to 33, respectively.

X1.5.4 Machined 2019 Grade BB Pistons—Obtain from Southwest Research Institute:
Southwest Research Institute
9503 W Commerce
San Antonio, Texas 78227-1301

X2. ~~OIL AGING AND LSPI TESTING OF~~ SEQUENCE IX AGED ~~ENGINE OIL~~ LSPI