



Test Monitoring Center

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SEQUENCE VIB INFORMATION LETTER 03-2
SEQUENCE NUMBER 15
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Approved by ASTM D02.B - June 18, 2003

TO: Sequence VIB Mailing List

SUBJECT: Deletion of Oil Analysis Requirements

At the November 20, 2002 meeting of the Sequence VIB Surveillance Panel, a motion was approved to delete the requirement to conduct HTHS, CCS Viscosity for approval grade, Friction Coefficient by HFRR at 105°C, Fuel Dilution, and Infrared for Oxidation and Nitration analyses on used oil for both reference and non-reference oil tests. Please note that these used oil analyses were optional for non-reference oil tests. Table of Contents, Sections 2.1 and 11.5.20 of Test Method D 6837 have been revised and Section 12.2 has been deleted in its entirety. Section 3.1.5 has been revised to reference a different source for the definition of *calibrate*. Footnote 18 has been revised to reflect the correct Internet address for accessing Test Monitoring Center documents.

These changes are effective June 18, 2003.

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Attachment

c: ftp://ftp.astmtmc.emu.edu/docs/gas/sequencevi/procedure_and_ils/il03-2.pdf

Distribution: Email

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2. Referenced Documents

2.1 ASTM Standards:

D 86 Method for Distillation of Petroleum Products⁴

D 240 Test Method for Heat of Combustion of Liquid Hydrocarbon Fuels by Bomb Calorimeter⁴

D 287 Test Method for API Gravity of Crude Petroleum and Petroleum Products (Hydrometer Method)⁴

D 323 Test Method for Vapor Pressure of Petroleum Products (Reid Method)⁴

D 381 Test Method for Existent Gum in Fuels by Jet Evaporation⁴

D 445 Test Method for Kinematic Viscosity of Transparent and Opaque Liquids (and the calculation of Dynamic Viscosity)⁴

D 525 Test Method for Oxidation Stability of Gasoline (Induction Period Method)⁴

D 1319 Test Method for Hydrocarbon Types in Liquid Petroleum Products by Fluorescent Indicator Absorption⁴

D 2699 Test Method for Knock Characteristics of Motor Fuels by the Research Method⁴

D 3231 Test Method for Phosphorus in Gasoline⁵

D 3237 Test Method for Lead in Gasoline by Atomic Absorption Spectrometry⁵

D 3338 Test Method of Estimation of Net Heat of Combustion of Aviation Fuels⁵

D 4294 Test Method for Sulfur in Petroleum Products by Energy-Dispersive X-ray Fluorescence Spectroscopy⁵

D 4485 Specification for Performance of Engine Oils⁵

D 5302 Test Method for Evaluation of Automotive Engine Oils for Inhibition of Deposit Formation and Wear in a Spark-Ignition Internal Combustion Engine Fueled with Gasoline and Operated Under Low-Temperature, Light-Duty Conditions⁶

D 5533 Test Method for Evaluation of Automotive Engine Oils in the Sequence IIIIE, Spark-Ignition

Engine⁶

D 5844 Test Method for Evaluation of Engine Oils for Inhibition of Rusting (Sequence IID)⁶

D 5862 Test Method for Evaluation of Engine Oils in Two-Stroke Cycle Turbo-Supercharged 6V92TA Diesel Engine⁶

D 6202 Standard Test Method for Automotive Engine Oils on the Fuel Economy of Passenger Cars and Light-Duty Trucks in the Sequence VIA Spark Ignition Engine⁷

E 29 Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications⁸

E 191 Specification for Apparatus for Microdetermination of Carbon and Hydrogen in Organic and Organo-Metallic Compounds⁹

IEEE/ASTM SI 10 Standard for Use of the International System of Units (SI): The Modern Metric System⁸

3.1.5 *calibrate, v*—to determine the indication or output of a measuring device or a given engine with respect to a standard. **D 5862**

¹⁸Available from the ASTM Test Monitoring Web Page at <http://astmtmc.cmu.edu>

11.5.20 *Oil Consumption and Sampling* - Once the test has stabilized in Stage No.1 (oil/coolant temperatures) of the second fuel economy measurement (after completion of Aging Phase II) record the oil level. The maximum allowable oil consumption for reference and non-reference oil tests is 1900 mL (65 oz.). If the reference or non-reference test exceeds 1900 mL (65 oz.) the test is invalid. After recording the oil level take a 120 mL (4 oz.) sample from the outlet (top) of the oil heater for viscosity measurement (13.2.10).

Delete Section 12.2