



Test Monitoring Center

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Sequence VG Information Letter 02-3

Sequence No. 12

April 8, 2002

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 VG Mailing List

SUBJECT: Replacement of CRC Manuals 12 and 14 with CRC Manual 20

The Sequence VG Surveillance Panel has agreed to revise the reference to CRC Manuals 12 and 14 to CRC Manual 20. CRC Manuals 12 and 14 are no longer available. Sections 13.2.1, 13.2.2.1 (5), 13.3.1, and 13.3.2.2 of Test Method D6593 have been revised accordingly.

The attached changes to Test Method D6593 are effective April 8, 2002.

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Administrator
ASTM Test Monitoring Center

Attachment

c: ftp://tmc.astm.cmri.cmu.edu/documents/gas/sequencev/procedures_and_ils/vgil02-3-12.pdf

Distribution: Email

(Revises Test Method D6593-01, as amended by Information Letters 01-3, 02-1 and 02-2)

13.2.1 Rate the following parts for sludge deposits: RAC (2), valve deck (2), camshaft baffle (2), timing chain cover, oil pan and oil pan baffle. Use the rating locations identified on the rating worksheets (see Annex A11). Determine the ratings using the techniques detailed in CRC Manual No. 20¹³. Perform the sludge ratings before performing any other required ratings or measurements.

13.2.2.1

(5) Convert the percent covered by the rated sludge depth at each location to a volume factor using the procedure shown in CRC Manual 20.

13.3.1 *Preparation of Parts*—Rate the following parts for varnish deposits—piston skirts (8, thrust side only) and left and right rocker arm covers (RAC). Perform the varnish ratings after the sludge ratings are completed. The rating locations and dimensions shall conform with the locations and dimensions detailed on the ratings worksheets (see Annex A11). Avoid disturbing adjacent sludge deposits when the parts are being prepared for varnish ratings. Heavy sludge can be removed from a varnish rating area with a 25mm rubber spatula prior to wiping. Wipe all parts firmly with wiping materials in CRC Manual 20. Firmly rub all wiping areas in the same direction until the surface is dry and free of all sludge (until no more deposit is present on the wiping material after wiping).

13.3.2.2 Determine varnish ratings of all parts by comparison of the deposit on the rating location using the CRC Rust/Varnish/Lacquer Rating Scale for non-rubbing parts from CRC Manual 20.