



Test Monitoring Center

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C13 Information Letter 13-2
Sequence No. 4
December 17, 2013

ASTM consensus has not been obtained on this information letter. An appropriate ASTM ballot will be issued in order to achieve such consensus.

TO: C13 Mailing List

SUBJECT: New Piston Second Ring Cleaning Procedure and Oil Filter Part Number Update

As approved during a conference call on December 12, 2013, a new standardized procedure for cleaning second rings for the C-13 engine is to be used for all future engine builds. Sections 8.1.1 and 8.2.7 of Test Method D 7549 have been updated and are attached.

Also approved during the conference call was an update to the oil filter part number from 1R-0716 to 1R-1808. Section 10.3.1 of Test Method D 7549 has been updated and is attached.

All changes are effective December 12, 2013.

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Attachment

c: ftp://ftp.astmtmc.cmu.edu/docs/diesel/cat_c13/procedure_and_ils/il13-02.pdf

Distribution: Email

(Revises Test Method D7549-13 as amended by IL 13-01)

8.2.7 *New Parts*—The following new parts are included in the Engine Build Parts List. They are not reusable, except as noted in 10.3.3. Clean the parts prior to use. For piston second rings follow the C13 Piston Second Ring Pre-Test Cleaning Procedure, available from the TMC. During a test, replacement of any of the new parts listed below will invalidate the test.

10.3.1 Install a new Caterpillar 1R-1808 oil filter.¹⁰

8.1 *Cleaning of Parts:*

8.1.1 *General*—Preparation of test engine components specific to the Caterpillar C13 test are indicated in this section. Use the Caterpillar Service Manual Form SEN R 9700¹⁰ (Annex A7) for the preparation of other components (except for the piston second ring – see 8.2.7) Take precautions to protect rusting of iron components. Use of an engine parts washer followed by a solvent wash is permitted.