



Test Monitoring Center

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C13 Information Letter 18-1
Sequence No. 9
February 12, 2018

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: 2nd Ring and Cylinder Liner Cleaning Procedure Change

During the February 2nd surveillance panel teleconference it was decided to change the 2nd ring and cylinder liner cleaning procedure for new engine builds. The new procedure for 2nd ring and cylinder liners will be to clean the parts with WD-40, wipe the parts with a clean rag and then rinse with either pentane or heptane at the labs discretion. The parts will then be coated with build-up oil. Sections 7.4.4, 7.4.5 have been added and sections 7.4.3 and 8.2.7 have been updated and all are attached.

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Attachment

c: http://www.astmtmc.cmu.edu/ftp/docs/diesel/CAT/procedure_and_ils/c13/il18-01.pdf

Distribution: Email

(Revises Test Method D7549-17)

7.4.3 Heptane - Used for rinsing and cleaning components before measurement. (**Warning**—Flammable. Health hazard.)

7.4.4 WD-40⁹ - Used for rinsing and cleaning components before measurement. (**Warning**—Flammable. Health hazard.)

⁹ WD-40 is a registered trademark of the WD-40 Company 9715 Businesspark Ave San Diego, CA 92131 USA, <http://www.wd40.com>. WD-40 is available from local retailers.

7.4.5 Degreasing Solvent—EnSolv¹⁰, a proprietary n-propyl bromide based solvent that can be used for cleaning the second rings. (**Warning**—Health hazard.)

¹⁰ EnSolv is a registered trademark of and is available from Enviro Tech International, Inc., 2525 West LeMoyne Ave., Melrose Park, IL 60160, <http://www.ensolv.com>

The sole source of supply of the apparatus known to the committee at this time is Enviro Tech International, Inc., 2525 West LeMoyne Ave., Melrose Park, IL 60160 If you are aware of alternative suppliers, please provide this information to ASTM International Headquarters. Your comments will receive careful consideration at a meeting of the responsible technical committee,¹ which you may attend.

Renumber all following footnotes accordingly.

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 and cylinder liners, clean with WD-40 and wipe with a clean rag. After wiping the parts rinse them with pentane or heptane. Finally coat the second rings and cylinder liners with build-up oil. During a test, a replacement of any of the new parts listed below will invalidate the test.