



Test Monitoring Center

@ Carnegie Mellon University
6555 Penn Avenue, Pittsburgh, PA 15206, USA

<http://astmtmc.cmu.edu>
412-365-1000

C13 Information Letter 18-3
Sequence No. 11
December 26, 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: Update Valve Guide and Seal Part Numbers in Critical Parts List and Rescind Information Letter 18-2

Information Letter 18-2 had previously been issued to update D7549 with modifications to the oil filter housing as agreed during the March 7th surveillance panel meeting. After further testing in the CAT Oil Aeration test it was determined that these changes to the oil filter housing were no longer desired in the C13 test. Information Letter 18-2 is therefore being rescinded with no changes to the test method.

This information letter does include the critical parts list updates from Information Letter 18-2 that were agreed upon in the same March 7th surveillance panel meeting. It was noted during that meeting that Table A3.1 had not been updated with the proper part numbers for the valve guides and seals. Table A3.1 has been updated and is attached. These changes are effective immediately.

Hind Abi-Akar

Hind Abi-Akar
Project Engineer
Caterpillar, Inc

Frank M. Farber
Director
ASTM Test Monitoring Center

Attachment

c: http://www.astmtmc.cmu.edu/ftp/docs/diesel/CAT/procedure_and_ils/c13/il18-03.pdf

Distribution: Email

(Revises Test Method D7549-17 as amended by IL 18-1)

TABLE A3.1 Engine Build Parts (Critical)

Item	Part Number
Piston	1Y-4106
Liner – Cylinder	1Y-4107
Ring – Top	1Y-4108
Ring – Intermediate	1Y-4109
Ring – Oil	1Y-4110
Valve – Intake	224-3028
Valve – Exhaust	224-3030
Valve Guide	268-2953
Valve Stem Seal	163-2478
Valve Seat – Intake	224-2410
Valve Seat – Exhaust	224-1270
Connecting Rod Bearing	116-1089
Main Bearing	211-0587 and 211-0588
Thrust Plate	1Y4118 or 116-1107