



## Test Monitoring Center

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1K/1N Information Letter No. 17-1  
Sequence No. 40  
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*ASTM consensus has not yet been obtained on this information letter. An appropriate ASTM ballot will be issued in order to achieve such consensus.*

TO: Caterpillar Surveillance Panel Mailing List  
SUBJECT: Changes to 1K/1N Part Number Reporting

During the September 14, 2017 Surveillance Panel teleconference it was agreed to change the reporting of part numbers for pistons, rings and liners of 1K and 1N tests. New information requiring updated report forms and fields has been added while some obsolete fields have been removed.

Sections 9.3.3 and 9.3.4 have been updated and are attached. These changes to Test Method D6750 are effective immediately.

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Attachment

c: [ftp://ftp.astmtmc.cmu.edu/docs/diesel/scote/procedure\\_and\\_ils/1k-1n/il17-01.pdf](ftp://ftp.astmtmc.cmu.edu/docs/diesel/scote/procedure_and_ils/1k-1n/il17-01.pdf)

Distribution: Email

**(Revises Test Method D6750-17)**

9.3.3 Piston and Rings-Use a new piston (P/N 1Y0727) and new rings (P/N 1Y0728) for each test, and record measurements before and after each test (see Annex A18 for all P/Ns). The measurements before the test ensure that good parts are evaluated and are compared to measurements after the test to determine the amount of wear. Record piston and ring identification codes in accordance with 1K/1N Parts Identification Document available on the TMC website information letter link (<http://www.astmtmc.cmu.edu>).

9.3.4 Cylinder Liner-Use a 1Y3998 liner for 1K and 1N testing. No surface finish measurement is required for 1Y3998 liners. Remove the protective grease with mineral spirits, then clean the liner bore with a hot water/detergent solution (see 7.5) and rinse with hot water. Record liner identification codes in accordance with 1K/1N Parts Identification Document available on the TMC website information letter link (<http://www.astmtmc.cmu.edu>).