



A Program of ASTM International

Test Monitoring Center

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ISB Information Letter 23-1
Sequence No. 18
August 8, 2023

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

TO: Cummins Mailing List

SUBJECT: Average Tappet Mass Loss Correction Factor Change

During the June 8, 2023, Surveillance Panel teleconference the panel voted to tappet mass loss correction factor for batch M camshafts, batch F tappets and batch F crossheads and subsequent hardware batches.

The attached changes to Test Method D7484-23 are effective with the release of this information letter.

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Cummins Inc.

Jeffrey A. Clark
Executive Director
ASTM Test Monitoring Center

Attachment

c: https://www.astmtmc.org/ftp/docs/diesel/cummins/procedure_and_ils/ISB/il23-1.pdf

Distribution: Email

(Revises Test Method D7484-23)

Revise section 11.2.6.3:

(5) For all tests that complete on or after October 19th, 2017, **on hardware batch combinations before batch M camshafts, batch F crossheads and batch F tappets**, multiply the average tappet mass loss from 11.2.6.2 by 0.785 to get the final average tappet mass loss result.

(6) For all tests that complete on hardware batch combinations of batch M camshafts, batch F crossheads and batch F tappets and subsequent hardware batch combinations, multiply the average tappet mass loss from 11.2.6.2 by 0.92 to get the final average tappet mass loss result.

(67) If after applying the appropriate correction factor from 11.2.6.3, the final average tappet-mass loss value is less than 0, report the average tappet-mass loss as 0 in 11.2.6.2.

(78) Report the data on the appropriate form.