



Test Monitoring Center

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ISB Information Letter 20-1
Sequence No. 14
September 27, 2020

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 Camshaft Wear Correction Factor Change

During the August 21, 2020 Surveillance Panel teleconference the panel agreed to a change to the average camshaft wear correction factor (ACSW) for reporting final test results.

The revised text of the relevant sections of D7484-19 are attached. This change is effective immediately.

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Cummins Inc.

Frank M. Farber
Director
ASTM Test Monitoring Center

Attachment

c: http://www.astmtmc.cmu.edu/ftp/docs/diesel/cummins/procedure_and_ils/ISB/il20-1_ISB.pdf

Distribution: Email

(Revises Test Method D7484-19)

Replace section 11.3.6 with the following:

11.3.6 Apply the following average camshaft wear correction factors as necessary:

- (1) For all tests using Batch B tappets and Batch E, F, or G camshafts, that start on or after April 21, 2011, adjust average camshaft wear from 11.3.5 by subtracting 9.5 to get the final average camshaft wear result.
- (2) For all tests using Batch C tappets and Batch H camshafts, that start on or after December 11, 2011 and end on or before November 12, 2012, adjust average camshaft wear from 11.3.5 by subtracting 9.5 to get the final average camshaft wear result.
- (3) For all tests using Batch C tappets and Batch H camshafts, that start on or after November 13, 2012 and all tests on Batch C tappets and Batch J camshafts, adjust average camshaft wear from 11.3.5 by subtracting 5.6 to get the final average camshaft wear result.
- (4) For all tests using Batch D tappets and Batch K camshafts that complete before October 19th, 2017, adjust average camshaft wear from 11.3.5 by subtracting 11.3 to get the final average camshaft wear result.
- (5) For all tests that complete between October 19th, 2017 and September 3rd, 2020 on Batch D or E tappets and Batch K or L camshafts, adjust average camshaft wear from 11.3.5 by subtracting 18.5 to get the final average camshaft wear result.
- (6) For all tests that complete on or after September 4th, 2020 on Batch D tappets and Batch K camshafts adjust average camshaft wear from 11.3.5 by multiplying by 0.94 to get the final average camshaft wear result.
- (7) For all tests that complete on or after September 4th, 2020 on Batch E tappets and Batch L camshafts adjust average camshaft wear from 11.3.5 by multiplying by 0.77 to get the final average camshaft wear result.
- (8) If after applying the appropriate correction factor from 11.3.6, the final average camshaft wear value is less than 0, report the average camshaft wear as 0 in 11.3.5.
- (9) Report the data on the appropriate form.