



Test Monitoring Center

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ISB Information Letter 15-1
Sequence No. 9
April 6, 2015

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: ISB ATWL & ACSW Correction Factors for Batch K cams and Batch D tappets

On April 2, 2015, via teleconference, the Cummins Test Surveillance panel approved correction factors to Camshaft wear (ACSW) and Average Tappet Mass Loss (ATWL) test parameters for tests using Batch D tappets with Batch K camshafts. Sections 11.2.6.3 and 11.3.6 have been revised and are attached.

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Attachment

c: ftp://ftp.astmtmc.cmu.edu/docs/diesel/cummins/procedure_and_ils/isb/il15-1.pdf

Distribution: Email

(Revises D 7484-13a as amended by IL 14-1)

11.2.6.3 *Correction Factor for Average Tappet-Mass Loss*—For all tests using Batch B tappets and Batch E, F, or G camshafts, that start on or after April 21, 2011, multiply the average tappet mass loss from 11.2.6.2 by 0.637 to get the final average tappet mass loss result. 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, multiply the average tappet mass loss from 11.2.6.2 by 0.637 to get the final average tappet mass loss result. 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 multiply the average tappet mass loss from 11.2.6.2 by 0.711 to get the final average tappet mass loss result. For all tests on Batch D tappets and Batch K camshafts multiply the average tappet mass loss from 11.2.6.2 by 1 to get the final average tappet mass loss result. Report the data on the appropriate form.

11.3.6 *Correction Factor for Average Camshaft Wear*—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. 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. 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. For all tests using Batch D tappets and Batch K camshafts adjust average camshaft wear from 11.3.5 by subtracting 11.3 to get the final average camshaft wear result. Report the data on the appropriate form.