



Test Monitoring Center

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ISB Information Letter 12-3
Sequence No. 7
November 15, 2012

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: ACSW and ATWL Correction Factors

On November 12, 2012, via teleconference, the Cummins Test Surveillance panel approved correction factors for Camshaft wear (ACSW) and Average Tappet Mass Loss (ATWL) test parameters for tests using Batch C tappets with Batch H & J camshafts. The new correction factors for tests with Batch C tappets and Batch H cams are applied to tests starting on or after November 13, 2012. The correction factors apply to all tests on Batch C tappets and Batch J cams. Sections 11.2.6.3 and 11.3.6 have been revised and are attached.

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Frank M. Farber
Director
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Attachment
c: ftp://ftp.astmtmc.cmu.edu/docs/diesel/cummins/procedure_and_ils/isb/il12-3.pdf

Distribution: Email

(Revises D 7484-11)

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. 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. Report the data on the appropriate form.