



Test Monitoring Center

@ Carnegie Mellon University
6555 Penn Avenue, Pittsburgh, PA 15206, USA

<http://astmtmc.cmu.edu>
412-365-1000

EOEC Information Letter No. 20-1
Sequence No. 11
March 30, 2020

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: EOEC Mailing List

SUBJECT: Heavy Duty Polyacrylate Elastomer Correction Factor for Volume Change

The Engine Oil Elastomer Compatibility Surveillance Panel approved the implementation of an Industry Correction Factor to the Volume Change results obtained in tests run on the Heavy Duty Polyacrylate elastomer material. This correction factor is due to the change in the elastomer material processing aid listed in Table A1.1, Footnote H. This correction factor applies to all Volume Change results generated on elastomer batch ACM-28 and subsequent Heavy Duty ACM batches until further notice. For all tests run on this material, the calculated Volume Change is to have the Industry Correction Factor of +0.19 added to the measured results and this final value reported as the results of the test.

Updated sections of Test Method D 7216 are attached.

Mike Birke
EOEC Surveillance Panel Chairman
Southwest Research Institute

Frank M. Farber
Director
ASTM Test Monitoring Center

Attachments

c: http://www.astmtmc.cmu.edu/ftp/docs/bench/eoec/procedure_and_ils/il20-01.pdf

Distribution: Email

{Revises Test Method D 7216-19}

12.1.5 A correction factor is to be added to test results as specified in Table 7.

Table 7 – Correction Factor - Heavy Duty Polyacrylate Elastomer (ACM)

Elastomer Batch	Volume Change Industry Correction Factor
Batches prior to ACM-28	0.00
ACM-28 and higher	+0.19

Table A1.1

^H Struktol WB 222 Has been found satisfactory for this purpose. (Struktol is a registered trademark)