A Program of ASTM International

Test Monitoring Center

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EOEC Information Letter No. 19-1
Sequence No. 10
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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: Light Duty Polyacrylate Elastomer Correction Factor for Volume Change

The Engine Oil Elastomer Compatibility Surveillance Panel approved a motion to implement an Industry Correction Factor to the Volume Change results obtained in tests run on the Light Duty Polyacrylate elastomer material ACM1 Batch 23. This is a continuing correction factor due to the change in the elastomer material formulation listed in SAE Standard J2643, *Standard Reference Elastomers (SRE) for Characterizing the Effect of Liquids on Vulcanized Rubbers.* This correction factor applies to all results generated on elastomer batch ACM1-23. For all tests run on this material, the calculated Volume Change is to have the Industry Correction Factor of -2.72 added to the calculated 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/il19-01.pdf

Distribution: Email

{Revises Test Method D 7216-18}

Table A2.2 – Industry Correction Factor – Light Duty Polyacrylate Elastomer (ACM1)	
Elastomer Batch	Volume Change Industry Correction Factor
Batches prior to 19	0.00
ACM1-19	-2.65
ACM1-20	-3.14
ACM1-21	-2.53
ACM1-22	-1.65
ACM1-23	-2.72