



## Test Monitoring Center

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EOEC Information Letter No. 20-2  
Sequence No. 12  
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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 24. 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 ACM1-24. For all tests run on this material, the calculated Volume Change is to have the Industry Correction Factor of -2.43 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/il20-2.pdf](http://www.astmtmc.cmu.edu/ftp/docs/bench/eoec/procedure_and_ils/il20-2.pdf)

Distribution: Email

*{Revises Test Method D 7216-19}*

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
ACM1-24	-2.43