



## Test Monitoring Center

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T-13 Information Letter 16-1  
Sequence No. 1  
April 22, 2016

*ASTM consensus has not been obtained on this information letter. An appropriate ASTM ballot will be issued in order to achieve such consensus.*

TO: Mack Surveillance Panel Mailing List  
SUBJECT: Viscosity Increase @ 40 °C Final Minimum Value

During the March 2, 2016 Mack Surveillance Panel conference call it was agreed to change the wording of the T-13 draft procedure dated 1/18/2016 to set a lower limit on Viscosity Increase @ 40 °C reporting at 0 for severity adjusted results. Section 11.8 has been updated and is attached.

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Attachment

c: [ftp://ftp.astmtmc.cmu.edu/docs/diesel/mack/procedure\\_and\\_ils/T-13/il16-1.pdf](ftp://ftp.astmtmc.cmu.edu/docs/diesel/mack/procedure_and_ils/T-13/il16-1.pdf)

Distribution: Email

**(Revises T-13 Test Procedure Version 1/18/2016)**

11.8 *Non-Reference Oil Test Result Severity Adjustments*—This test method incorporates the use of Severity Adjustments (SA) for non-reference oil test results. A control chart technique, described in the LTMS document, has been selected for determining SA's for IR oxidation peak height, and percent increase in viscosity at 40 °C from 300 h to 360 h.

11.8.1 Determine SA values in accordance with the LTMS document. Report the SA values on the appropriate form, Test Results Summary, in the spaces for SA. Add the pertinent SA value to non-reference oil test results, and enter the severity-adjusted results in the appropriate spaces.

11.8.2 For percent increase in viscosity, if the final severity-adjusted result is less than 0, report the final value as 0.

11.8.3 The SA's remains in effect until new SA's are determined from subsequent calibration test results. Calculate and apply SA's on a laboratory basis.