



A Program of ASTM International

## Test Monitoring Center

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MEMORANDUM: 20-004  
DATE: January 20, 2020  
TO: Testing Community  
FROM: Frank Farber  
SUBJECT: Service Fluid 105 Depleted

**Service Fluid 105 (TMC 1006) is no longer available.** The inventory of SF105 has been depleted and because of component availability cannot be re-blended. A replacement formulation has been procured based on a scoping study conducted by test laboratories and has been accepted by ASTM committees. The formulation selected from the supplier uses new components and is identified as SL107. A full matrix study with various elastomers is on-going through the ASTM D02.B07 D7216 (EOEC/LDEOC) Surveillance Panel. The panel has released targets for SL107 in TMC Memo 20-1.

<http://www.astmtmc.cmu.edu/ftp/docs/bench/ldeoc/memos/mem20-001.pdf>

Reference test data can be found on the TMC website at:

<http://www.astmtmc.cmu.edu/ftp/refdata/bench/eoecf/data/ltms.csv>

<http://www.astmtmc.cmu.edu/ftp/refdata/bench/eoecn/data/ltms.csv>

<http://www.astmtmc.cmu.edu/ftp/refdata/bench/eoecp/data/ltms.csv>

<http://www.astmtmc.cmu.edu/ftp/refdata/bench/eoecs/data/ltms.csv>

<http://www.astmtmc.cmu.edu/ftp/refdata/bench/eoecv/data/ltms.csv>

<http://www.astmtmc.cmu.edu/ftp/refdata/bench/ldeoca/data/ltms.csv>

<http://www.astmtmc.cmu.edu/ftp/refdata/bench/ldeocf/data/ltms.csv>

<http://www.astmtmc.cmu.edu/ftp/refdata/bench/ldeocn/data/ltms.csv>

<http://www.astmtmc.cmu.edu/ftp/refdata/bench/ldeocp/data/ltms.csv>

<http://www.astmtmc.cmu.edu/ftp/refdata/bench/ldeocs/data/ltms.csv>

Please note that various specifications referencing SF105 may not have been updated to specify SL107. SF105 is no longer available!

FMF/fmf

c: <http://www.astmtmc.cmu.edu/ftp/docs/bench/b07/memos/mem20-004.pdf>

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