



## Test Monitoring Center

@ Carnegie Mellon University  
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<http://astmtmc.cmu.edu>  
412-365-1000

MEMORANDUM: 20-034  
DATE: August 14, 2020  
TO: L-33-1 Surveillance Panel  
FROM: Dylan Beck *Dylan Beck*  
SUBJECT: L-33-1 Reference Oil Test Target Update

During a surveillance panel conference call on August 12, 2020 the panel agreed to approve updated reference oil targets. With this update the N size for both reference oils increases to over 30. The effective date of the correct targets is September 1st, 2020.

TMC IND	Parameter	N Size	Mean	Std. Dev.
123-2	RUST	37	8.51	0.35
155-1	RUST	42	9.47	0.16

[L-33-1 Target Dataset for TMC Memo 20-034](#)

DJB/djb/mem20-034.djb.doc

cc: Frank Farber  
Jeff Clark

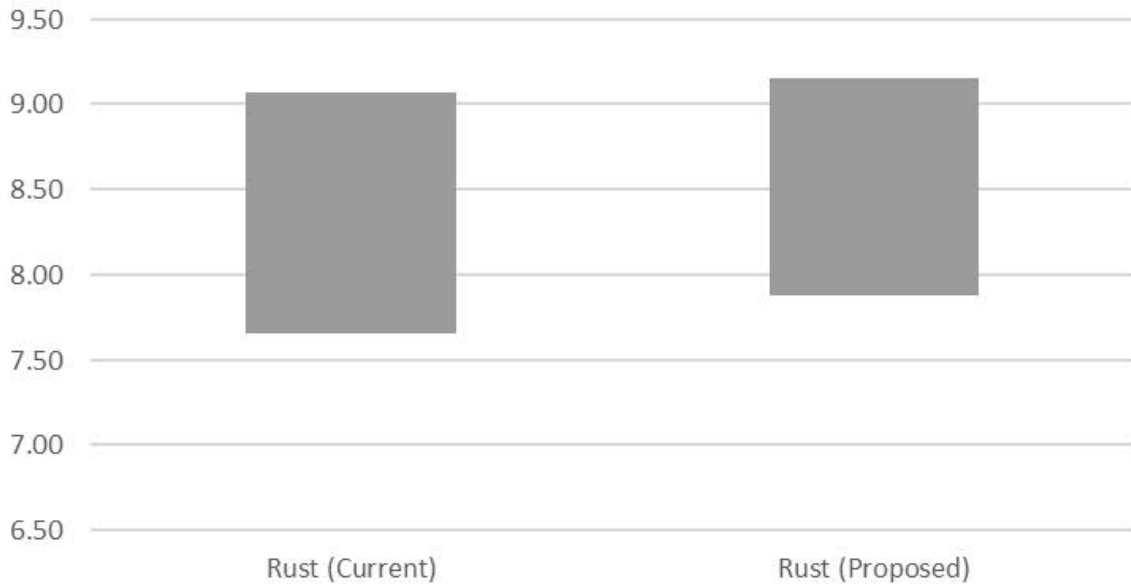
L-371 Surveillance Panel

<http://www.astmtmc.cmu.edu/ftp/docs/gear/1331/memos/mem20-034.pdf>

Distribution: email

# L-33-1 (D7038)

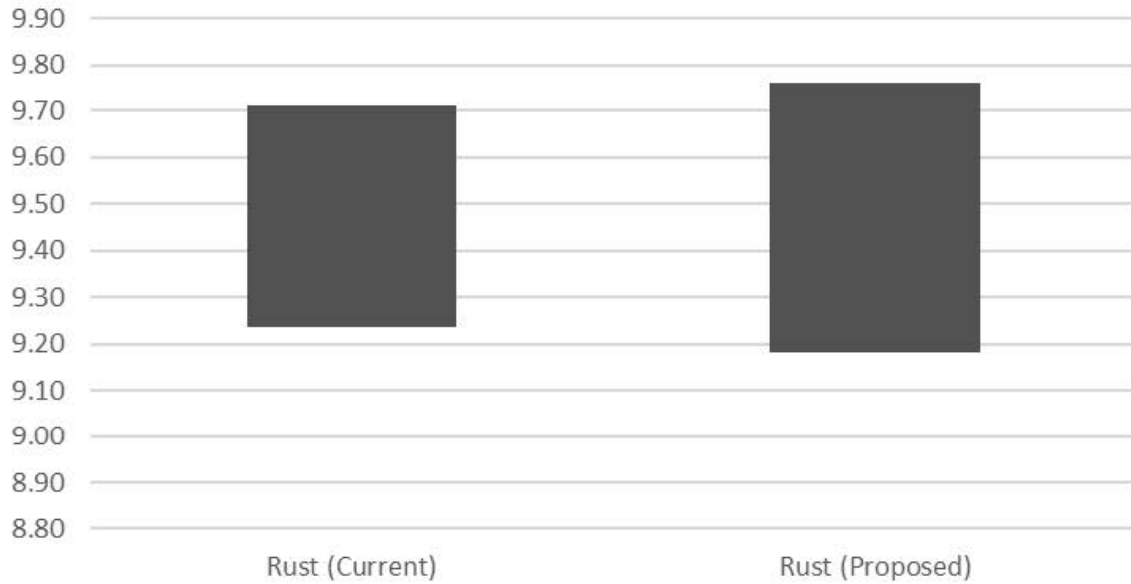
123-2 Reference Oil Limits



123-2 Reference Oil		
	Rust (Current Targets)	Rust (Proposed Targets)
<b>Avg.</b>	8.37	8.51
<b>Std.</b>	0.39	0.35
<b>Upper</b>	9.07	9.15
<b>Lower</b>	7.66	7.88
<b>N Size</b>	19	37

# L-33-1 (D7038)

## 155-1 Reference Oil Limits



155-1 Reference Oil		
	Rust (Current Targets)	Rust (Proposed Targets)
<b>Avg.</b>	9.47	9.47
<b>Std.</b>	0.13	0.16
<b>Upper</b>	9.71	9.76
<b>Lower</b>	9.24	9.18
<b>N Size</b>	20	42