

MEMORANDUM: 25-006
DATE: February 21, 2025
TO: L-60-1 Surveillance Panel
FROM: Wes Venhoff
SUBJECT: L-60-1 Reference Oil 145 Introduction

During an in-person surveillance panel meeting held on February 12, 2025, the panel approved the use of TMC reference oil 145 as a replacement for TMC reference oil 148-1. The data analytics group reviewed the approval matrix for TMC reference oil 145 and recommended the targets captured in the table below based on the initial N size of 8. Details of their analysis are captured in the L-60-1 surveillance panel meeting minutes dated 20250212 (http://www.astmtmc.org/ftp/docs/gear/l601/minutes/20250212_sp.pdf). The effective date for this change is February 26, 2025.

TMC IND	N Size	Parameter	Mean	StDev
145	8	ACV	6.329	0.747
		ASL	8.575	0.648
		PEN	1.198	0.249
		TOL	1.217	0.409
		VISI	70.225	5.099

cc: Jeff Clark
Sean Moyer
L-60-1 Surveillance Panel
<http://www.astmtmc.org/ftp/docs/gear/l601/memos/mem25-006.pdf>

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