



GM Global Propulsion Systems

GMOD Information Letter 23-1

February 3, 2023

SUBJECT: Addition of Targets for Reference Oil 434-3 to GMOD LTMS Document.

The following reference oil test targets contained in the GMOD LTMS Document have been updated to include targets for reference oil 434-3.

PERCENT VISCOSITY INCREASE (PVIS)

Unit of Measure: Ln(PVIS)

Reference Oil	Mean	Standard Deviation
434-2	4.4245	0.33008
434-3	5.0137	0.60319
GMOD01-1	4.3201	0.17583
GMOD02-1	4.0608	0.40031

WEIGHTED PISTON DEPOSITS

Unit of Measure: Merits

Reference Oil	Mean	Standard Deviation
434-2	5.87	0.608
434-3	5.42	0.608
GMOD01-1	5.26	0.693
GMOD02-1	4.77	0.715

PHOSPHORUS RETENTION

Unit of Measure: Percent

Reference Oil	Mean	Standard Deviation
434-2	73.81	1.854
434-3	73.81	1.854
GMOD01-1	81.86	3.123
GMOD02-1	82.85	3.480