



Test Monitoring Center

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

CERTIFICATE OF ANALYSIS

TMC Product ID: RL233-7
Product Purpose: Reference Calibration Oil for ASTM D6278
Product Description: Refined mineral base oil with viscosity modifying additives
TMC Batch Number: 20180412B
Certificate Issue Date: 20200917

Product Appearance: Clear and bright, nearly water white

Properties

<u>Method</u>	<u>Test Name</u>	<u>Result</u>	<u>Units</u>
D92	Flash Point (COC)	239	°C
D4052	Density at 15°C	0.8447	g/mL
D445	Kinematic Viscosity at 40°C	94.29	cSt
D445	Kinematic Viscosity at 100°C	14.97*	cSt
D2270	Viscosity Index	167	
D6278	Shear Stability Test, 30-Cycle Viscosity Loss	2.80*	cSt
		18.70	%

*Result reported to the TMC by the product manufacturer.

This product has no established expiration date, empirical or otherwise, for an unopened container.

Store at ambient temperature not exceeding 10 – 40°C (50 - 104°F). Do not refrigerate.

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