



## Test Monitoring Center

203 Armstrong Drive, Freeport, PA 16229, USA

www.astmtmc.org  
412-365-1000

### CERTIFICATE OF ANALYSIS

**TMC Product ID:** RL233-8  
**Product Purpose:** Reference Calibration Oil for ASTM D6278  
**Product Description:** Refined mineral base oil with viscosity modifying additives  
**TMC Batch Number:** 20220307A  
**Certificate Issue Date:** 20220913

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)	249	°C
D4052	Density at 15°C	0.8444	g/mL
D445	Kinematic Viscosity at 40°C	93.78	cSt
D445	Kinematic Viscosity at 100°C	14.95*	cSt
D6278	Shear Stability Test, 30-Cycle Viscosity Loss	2.77*	cSt
		18.53	%

\*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.

Brittany J. Pfleegor  
Supervisor, Analytical Testing  
ASTM Test Monitoring Center  
412-365-1013  
bjp@astmtmc.org