TEST MONITORING CENTER
POWERED BY ASTM INTERNATIONAL

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www.astmtmc.org

CERTIFICATE OF ANALYSIS

TMC Product ID: **RL233-10**
Product Purpose: Reference Calibration Oil for ASTM D6278
Product Description: Refined mineral base oil with viscosity modifying additives
TMC Batch Number: 10RO260701
Certificate Issue Date: 2026-09-16

Product Appearance: Clear and bright, nearly white water

Properties

Method	Test Name	Result	Units
D92	Flash Point (COC)	249	°C
D4052	Density at 15°C	0.8445	g/mL
D445	Kinematic Viscosity at 40°C	93.57	cSt
D445	Kinematic Viscosity at 100°C	14.93*	cSt
D6278	Shear Stability Test, 30-Cycle Viscosity Loss	2.77*	cSt
		18.55	%

*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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