



Test Monitoring Center

@ Carnegie Mellon University
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412-365-1000

CERTIFICATE OF ANALYSIS

TMC Product ID: SL107
Product Purpose: Service Liquid 107 for ASTM D471
Product Description: Fully Formulated Engine Oil
SAE J300 Viscosity Grade: 5W-30
TMC Batch Number: 20190501A
Certificate Issue Date: 2019-08-27

Properties

ASTM D93	Flash Point	194.5	°C
ASTM D445	Kinematic Viscosity at 40°C	58.86	mm ² /s
ASTM D445	Kinematic Viscosity at 100°C	9.915	mm ² /s
ASTM D611	Aniline Point	102.2	°C
ASTM D2501	Viscosity-Gravity Constant (VGC)	0.805	
ASTM D4052	Digital Density at 15°C	0.8684	g/mL
ASTM D4683	HTHS Apparent Viscosity at 150°C	2.90	mPa*s
ASTM D4684	Low Temperature Pumping Viscosity at -35°C	38800	mPa*s
	Yield Stress	<35	Pa

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

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