

Superior Chemistry. Superior Performance.



0W-40 Full Synthetic Motor Oil

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INSPECTION INFORMATION

TEST METHOD

TYPICAL VALUE

Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8453
Viscosity @ 40°C cSt	ASTM D445	78.71
Viscosity @ 100°C cSt	ASTM D445	13.88
Viscosity Index	ASTM D2270	183
Pour Point °C (°F)	ASTM D5950	-48°C (-54°F)
Color	ASTM D 1500	2.5
Cold Cranking Simulator at (°C), cP	ASTM D5293	5676 (-35)
High Temperature / High Shear Vis at 150°C, cP	ASTM D5481	3.73
Noack Volatility, % loss	ASTM D 6375	12.9
Calcium, wt. %	ASTM D 5185	0.214
Zinc, wt. %	ASTM D 5185	0.085
Phosphorus, wt. %	ASTM D 5185	0.077
Sulfur, wt. %	ASTM D 4951	0.292
Boron, wt. %	ASTM D 5185	0.023
Molybdenum, wt. %	ASTM D 5185	0.0079
Sulfated Ash, wt. %	ASTM D 874	0.92
Nitrogen, wt. %	ASTM D 4629	0.102
Pumping Viscosity at (°C), cP	ASTM D4684	28,739 (-40)
Shear Stability	ASTM D 6278	11.73
Foam Seq. I (Tendency/Stability), mL	ASTM D 892 (Opt. A)	0/0
Foam Seq. II (Tendency/Stability), mL	ASTM D 892 (Opt. A)	0/0
Foam Seq. III (Tendency/Stability), mL	ASTM D 892 (Opt. A)	0/0
High Temperature Foaming, static foam	ASTM D 6082 (Opt A)	30/0
Gravity, °API	ASTM D287	35.90
TBN, mgKOH/g	ASTM D 2896	8.3

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CLAIMS INFORMATION

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API SM

Approved

API SL

Meets Requirements