Superior Chemistry. **Superior Performance.**

10W-40 Motor Oil

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Benefits of Mag 1 10W-40 include:
•Reduced friction for excellent protection against engine wear and improved fuel economy
•High resistance to viscosity and thermal breakdown
•Fights volatility burn-off to minimize engine deposits and exhaust emissions

INSPECTION INFORMATION	TEST METHOD	TYPICAL VALUE
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8723
Viscosity @ 40°C cSt	ASTM D445	92.3
Viscosity @ 100°C cSt	ASTM D445	13.34
Pour Point °C (°F)	ASTM D5950	-42°C (-44°F)
Viscosity Index	ASTM D2270	145
Cold Cranking Simulator at (°C), cP	ASTM D5293	6412 (-25)
High Temperature / High Shear Vis at 150°C, cP	ASTM D4683	4.1
Noack Volatility, % loss	ASTM D 5800	13.5
Color	ASTM D 1500	2
Zinc, wt. %	ASTM D 5185	0.085
Phosphorus, wt. %	ASTM D 5185	0.077
Calcium, wt. %	ASTM D 5185	0.25
Sulfur, wt. %	ASTM D 4951	0.298
Boron, wt. %	ASTM D 5185	0.018
Sulfated Ash, wt. %	ASTM D 874	0.92
Nitrogen, wt. %	ASTM D 4629	0.102
Pumping Viscosity at (°C), cP	ASTM D4684	42,920 (-30)
Shear Stability	ASTM D 6278	12.6
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	30.71
TBN, mgKOH/g	ASTM D 2896	8.5

ISO 9001:2008 REGISTERED

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CLAIMS INFORMATION

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API SN	Approved
API SM	Meets Requirements
API SL	Meets Requirements