

Superior Chemistry. Superior Performance.



## 5W-30 Synthetic Blend Motor Oil

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Formulated to exceed ILSAC GF-4 performance requirements Mag 1 5W-30 Synthetic Blend Motor Oil includes High Phosphate Retention ZDP for extended wear performance

### INSPECTION INFORMATION

### TEST METHOD

### TYPICAL VALUE

Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8604
Viscosity @ 40°C cSt	ASTM D445	58.38
Viscosity @ 100°C cSt	ASTM D445	10.04
Viscosity Index	ASTM D2270	160
Pour Point °C (°F)	ASTM D5950	-45°C (-49°F)
Color	ASTM D 1500	2.5
Cold Cranking Simulator at (°C), cP	ASTM D5293	6124 (-30)
High Temperature / High Shear Vis at 100°C, cP	ASTM D 6616	6.96
High Temperature / High Shear Vis at 150°C, cP	ASTM D5481	3.21
Noack Volatility, % loss	ASTM D 6375	13.7
Calcium, wt. %	ASTM D 5185	0.169
Zinc, wt. %	ASTM D 5185	0.091
Phosphorus, wt. %	ASTM D 5185	0.079
Sulfur, wt. %	ASTM D 4951	0.291
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	26,642 (-35)
Shear Stability	ASTM D 6278	8.79
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)	10/0
Gravity, °API	ASTM D287	32.96
Copper Strip Corrosion (3 hrs@100°C)	ASTM D 130	1a
TBN, mgKOH/g	ASTM D 2896	7.9

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## CLAIMS INFORMATION

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API SN	Approved
API SM	Meets Requirements
API SL	Meets Requirements
Chrysler MS-6395	Meets Requirements
ILSAC GF-5	Approved
ILSAC GF-4	Meets Requirements
M2C946-A, M2C929-A	Meets Requirements
GM 6094M	Meets Requirements