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MAG 1® FULL SYNTHETIC 10W-30 MOTOR OIL

FULL SYNTHETIC MOTOR OIL PASSENGER CAR MOTOR OIL

MAG 1® Full Synthetic 10W-30 Motor Oil is our purest and most advanced formulation for our best fuel mileage. It delivers unsurpassed protection and performance, including the following benefits:

- MAG 1 - engineered to maximize horsepower and acceleration.
- Longer and better engine protection than conventional oils due to strong and uniform synthetic base oils and advanced molecules that provide a strong film barrier to control friction, resist wear and keep metal surfaces from coming into contact.
- Created for extreme hot and cold driving conditions: stop and go, frequent short trips, heavy loads and dusty conditions.
- Meets and exceeds API SP and ILSAC GF-5 requirements.



FORMULATED FOR TODAY'S ENGINE DESIGNS

OEMs continue to evolve engine designs that demand more from motor oil. One brand has evolved right alongside – MAG 1®. It provides unsurpassed protection.

UNSURPASSED PROTECTION, EVEN IN THE LIGHTEST VISCOSITY

MAG 1® with FMX® Technology provides unsurpassed protection. Our advanced oil chemistry actually improves oil properties through time, retaining viscosity, friction and anti-wear benefits, in spite of severe engine temperatures.

FULL SYNTHETIC MOTOR OIL FEATURING **EVOLUTIONARY PERFORMANCE™**

MAG 1® with FMX® Technology – Friction Management for Xtreme protection™ provides these benefits:

PERFORMANCE

Controls friction and wear more than 29% better than the latest API requirements.¹

- Engineered to handle the most extreme conditions.
- 100% pure synthetic oils. Contains uniform molecules that provide the best, longest-lasting engine protection and performance.

STRENGTH

Provides a strong oil film to avoid metal-to-metal contact, even under extreme stress.

- Unsurpassed wear protection. Advanced molecules bond together to avoid metal-to-metal contact of rotating engine parts.
- Enhanced friction reduction. MAG 1 oils react to heat to produce a critical friction-reducing barrier that protects metal surfaces.²

DURABILITY

Stands up to the heat and shearing so it extends oil life.

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¹Based on Sequence IV Wear test.

²To measure friction reduction benefits, engineers used the ball-on-disk traction test.

APPLICATIONS

- Gasoline-fueled and flex-fuel passenger cars, light trucks and sport utility vehicles, especially when operating under severe conditions.
- Formulated to protect turbochargers and emission control system catalysts.
- Formulated for use in vehicles operating on ethanol-containing fuels up to E85.

INDUSTRY/OEM SPECIFICATIONS

API SP	Approved
ILSAC GF-5	Approved
API SJ, SH, SG, SF	Meets Requirements
API SL	Meets Requirements
API SM	Meets Requirements
API SN	Meets Requirements
API SN Plus	Meets Requirements
Chrysler MS-6395	Meets Requirements
GM 4718M	Meets Requirements
GM 6094M	Meets Requirements
ILSAC GF-4	Meets Requirements

TYPICAL PROPERTIES

Boron, wt. %	ASTM D5185	0.007
Calcium, wt. %	ASTM D5185	0.119
Cold Cranking Simulator at (°C), cP	ASTM D5293	4000 (-25)
Color	ASTM D1500	2.5
Flash Point °C	ASTM D92	225
Flash Point °F	ASTM D92	437
Foam Seq. III (Tendency/Stability), mL	ASTM D892 (Opt. A)	0/0
Foam Seq. II (Tendency/Stability), mL	ASTM D892 (Opt. A)	0/0
Foam Seq. I (Tendency/Stability), mL	ASTM D892 (Opt. A)	0/0
Gravity, °API	ASTM D287	34.91
High Temperature Foaming, static foam	ASTM D6082 (Opt A)	20/0
High Temperature / High Shear Vis at 150°C, cP	ASTM D5481	3.18
Magnesium, wt. %	ASTM D5185	0.038
Molybdenum, wt. %	ASTM D5185	0.004
Nitrogen, wt. %	ASTM D4629	0.081
Noack Volatility, % loss	ASTM D6375	5.2
Phosphorus, wt. %	ASTM D5185	0.064
Pour Point °C (°F)	ASTM D5950	-42°C (-44°F)
Pumping Viscosity at (°C), cP	ASTM D4684	21,300(-30)
Shear Stability, Final Viscosity in cSt	ASTM D6278	9.32
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8503
Sulfated Ash, wt. %	ASTM D874	0.712
Sulfur, wt. %	ASTM D4951	0.235
TBN, mgKOH/g	ASTM D2896	7.0
Viscosity @ 100°C cSt	ASTM D445	10.28

Viscosity @ 40°C cSt	ASTM D445	62.86
Viscosity Index	ASTM D2270	151
Zinc, wt. %	ASTM D5185	0.07

CONTAINER/BULK AVAILABILITY

6/1 Quart	Product Number - 70165
3/5 Quart	Product Number - 64194
6 Gallon Enviro Box®	Product Number - 69880
55 Gallon Drum	Product Number - 64883

Available in Bulk

Information accurate as of May 5, 2025