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MAG 1[®] CONVENTIONAL 10W-40 MOTOR OIL

CONVENTIONAL MOTOR OIL PASSENGER CAR MOTOR OIL

MAG 1[®] Conventional 10W-40 Motor Oil is formulated for older vehicles and/or high-temperature climates, if thicker oil is preferred. It also delivers the following benefits:

- Resists thermal breakdown and reduces deposit formation for longer, better engine protection.
- Additives work to keep engines clean.
- Provides a strong film barrier to control friction, resist wear and keep metal surfaces from coming into contact.



CONVENTIONAL MOTOR OIL FEATURING **EVOLUTIONARY PERFORMANCE**[™]

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

PERFORMANCE

Controls friction and wear.

- Engineered to handle the most severe or extreme environmental conditions and engine stress.

STRENGTH

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

- Excellent wear protection. Advanced molecules bond together to prevent 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.¹

DURABILITY

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

- Excellent oxidation and deposit control.
- Retains viscosity and prevents thermal breakdown. The oil excels even in the harshest conditions.

¹ To measure friction reduction benefits, engineers used the ball-on-disk traction test.

APPLICATIONS

- Provides performance benefits for passenger cars, light trucks and sport utility vehicles; plus new and rebuilt engines.

INDUSTRY/OEM SPECIFICATIONS

API SP	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

TYPICAL PROPERTIES

Boron, wt. %	ASTM D5185	0.007
Calcium, wt. %	ASTM D5185	0.119
Cold Cranking Simulator at (°C), cP	ASTM D5293	6400 (-25)
Color	ASTM D1500	3
Flash Point °C	ASTM D92	237
Flash Point °F	ASTM D92	459
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	32.08
High Temperature Foaming, static foam	ASTM D6082 (Opt A)	20/0
High Temperature / High Shear Vis at 150°C, cP	ASTM D5481	3.96
Magnesium, wt. %	ASTM D5185	0.038
Molybdenum, wt. %	ASTM D5185	0.004
Nitrogen, wt. %	ASTM D4629	0.081
Noack Volatility, % loss	ASTM D6375	9.9
Phosphorus, wt. %	ASTM D5185	0.064
Pour Point °C (°F)	ASTM D5950	-39°C (-38°F)
Pumping Viscosity at (°C), cP	ASTM D4684	12,000 (-30)
Shear Stability, Final Viscosity in cSt	ASTM D6278	11.73
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8650
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	14.74
Viscosity @ 40°C cSt	ASTM D445	101.2
Viscosity Index	ASTM D2270	151
Zinc, wt. %	ASTM D5185	0.07

CONTAINER/BULK AVAILABILITY

6/1 Quart	Product Number - 61650
3/5 Quart	Product Number - 69895
55 Gallon Drum	Product Number - 62849

Available in Bulk

Information accurate as of June 6, 2025