



PASSENGER CAR MOTOR OIL

Full Synthetic SAE 10W-30

ILSAC GF-7A

API SP

HYBRID COMPATIBLE



REFERENCE PHOTOGRAPH

DESCRIPTION

Full Synthetic SAE 10W-30 is a premium full synthetic motor oil specifically engineered for today's most advanced engines, especially those navigating demanding, stop-and-go driving or equipped with start-stop technology. Full Synthetic SAE 10W-30 motor oil delivers extended engine life, reduced wear, and improved fuel efficiency. 100% Full Synthetic Formula provides enhanced low-temperature performance and maximum horsepower. Providing protection and performance where it matters most.

Formulated with a low-friction additive package, Full Synthetic SAE 10W-30 helps improve fuel economy while guarding against harmful wear, sludge buildup, and deposits. Its robust chemistry offers exceptional thermal stability, preventing breakdown under high-heat conditions and reducing the risk of stuck rings. Engineered to meet the needs of modern turbocharged and gasoline direct injection (GDI) engines, it delivers critical protection against Low-Speed Pre-Ignition (LSPI) and timing chain wear.

FEATURES & BENEFITS

- | | |
|--|---|
| <p>01 Advanced Anti-Wear Protection: Helps reduce engine wear for longer engine life and durability.</p> | <p>02 High-Temperature Stability: Maintains performance in today's smaller, hotter-running engines with improved thermal and oxidative resistance.</p> |
| <p>03 Engine Cleanliness: Resists sludge, varnish, and harmful deposits to maintain peak engine performance.</p> | <p>04 LSPI & Timing Chain Defense: Protects modern turbo and GDI engines from damaging LSPI events and timing chain wear.</p> |
| <p>05 Improved Fuel Economy: Improves gas mileage through a low-friction formula while reducing emissions.</p> | <p>06 Corrosion & Rust Protection: Shields critical engine components from moisture and environmental damage.</p> |
| <p>07 Extended Drain Performance: Engineered to meet automaker recommendations for extended oil change intervals.</p> | <p>08 Ethanol Fuel Compatible: Safe for use with ethanol-blended fuels.</p> |

APPLICATIONS

Full Synthetic SAE 10W-30 meets or exceeds the demanding requirements of International Lubricant Standardization and Approval Committee (ILSAC) GF-7A and all previous ILSAC categories GF-6A through GF-1. ILSAC GF-7A comprises the latest standard for passenger car, van, light truck and sport utility vehicles motor oils. Full Synthetic SAE 10W-30 meets requirements of API SQ and previous API categories API SP, SN PLUS, SN, SM, SL. Viscosity recommendations vary according to temperature and engine manufacturer. Suitable for use for the following Chinese car OEMs: BYD, Chery, Exeed, JAC and Geely.

MEETS REQUIREMENTS OF

ILSAC GF-7A	API SQ, SP, SN PLUS, SN, SM, SL	
Chrysler MS-6395	GM6094M	Hybrid Compatible

* ALWAYS CONSULT YOUR OWNER'S MANUAL FOR THE PROPER FLUID FOR YOUR EQUIPMENT.

TYPICAL TEST DATA

SAE GRADE	10W-30
Specific Gravity, (60°F)	0.8542
Viscosity, @ 40°C, cSt	66.10
Viscosity, @ 100°C, cSt	10.54
Viscosity Index	148
Cold Crank, cP at °C	4,660
Flash Point, °F	478
Pour Point, °C (°F)	-33 (-27)
Noack Volatility %	5.7
High Temp/High Shear Visc, cP @150°C	3.2
Color	2.5
Phosphorus, wt%	0.070
Zinc, wt%	0.076

Typical test data are average values only. Minor variations which do not affect product performance are to be expected during normal manufacturing.

CODES & AVAILABLE PRESENTATIONS

PG105-5QT PureGuard Full Synthetic SAE 10W-30 5 QT	PG105-DR PureGuard Full Synthetic SAE 10W-30 DRUM
--	---

PERFORMANCE AT A GLANCE

VISCOSITY INDEX 148	NOACK VOLATILITY % 5.7	COLD CRANK, CP AT °C 4,660
-----------------------------------	--------------------------------------	--

