



PASSENGER CAR MOTOR OIL

Synthetic Blend SAE 5W-20

ILSAC GF-7A

API SP

HYBRID COMPATIBLE



REFERENCE PHOTOGRAPH

DESCRIPTION

Synthetic Blend SAE 5W-20 is a high-performance motor oil designed to meet the demands of modern engines, especially those navigating demanding, stop-and-go driving or equipped with start-stop technology. Synthetic Blend SAE 5W-20 is specially formulated with an advanced additive package and highly refined base oils providing advanced wear protection, enhanced fuel efficiency, and extended engine life, all while maintaining the reliability and affordability of a synthetic blend.

Formulated with a low-friction additive package, Synthetic Blend SAE 5W-20 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

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| <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

Synthetic Blend SAE 5W-20 meets or exceeds the demanding requirements of International Lubricant Standardization and Approval Committee (ILSAC) GF-7A and 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. Synthetic Blend SAE 5W-20 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 Hyundai and Kia vehicles. 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	
Ford WSS-M2C970-A1	Ford WSS-M2C960-A	
Ford WSS-M2C945	Ford WSS-M2C930-A	
Chrysler MS-6395	GM6094M	Hybrid Compatible

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

TYPICAL TEST DATA

SAE GRADE	5W-20
Specific Gravity, (60°F)	0.8509
Viscosity, @ 40°C, cSt	45.67
Viscosity, @ 100°C, cSt	8.250
Viscosity Index	157
Cold Crank, cP at -30°C	4,467
Noack Volatility, %	11.5
HighTemp/HighShear, cP at 150°C	2.6
Flash Point, °F	442
Pour Point, °C (°F)	-42 (-44)
Color	3.0
Phosphorus, wt%	0.068
Zinc, wt%	0.073

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

PG202-BLK

PureGuard Synthetic Blend SAE 5W-20

BULK

PERFORMANCE AT A GLANCE

VISCOSITY INDEX

157

NOACK VOLATILITY, %

11.5

COLD CRANK, CP AT -30°C

4,467

