

Full Synthetic SAE 0W-20 ILSAC GF-7A / API SQ

DESCRIPTION:

Full Synthetic SAE 0W-20 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 0W-20** 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 0W-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:

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

APPLICATIONS:

Full Synthetic SAE 0W-20 meets or exceeds the demanding requirements of International Lubricant Standardization and Approval Committee (ILSAC) GF-7A and in 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 0W-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 Toyota, Honda, and Mazda 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-M2C972-A1
- Ford WSS-M2C962-A
- Ford WSS-M2C947
- Hybrid Compatible

Omni Specialty Packaging

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

TYPICAL TEST DATA

SAE GRADE	0W-20
Specific Gravity, (60°F)	0.8423
Viscosity, @ 40°C, cSt	43.36
Viscosity, @ 100°C, cSt	8.442
Viscosity Index	175
Cold Crank, cP at -35°C	5,631
Flash Point, °F	424
Pour Point, °C (°F)	-39 (-38)
Noack Volatility %	10.4
High Temp/High Shear Visc, cP @150°C	2.7
Color	2.5
Phosphorus, wt%	0.066
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.