



The First in Synthetics®

DATA SHEET

Extended-Life 100% Synthetic Motor Oil

Enhanced Protection for Peace of Mind and Convenience

AMSOIL Extended-Life 100% Synthetic Motor Oil is overbuilt for road warriors so you can confidently drive up to 20,000 miles (32,000 km) or one year, whichever comes first, between oil changes. A proprietary combination of advanced synthetic base oils and a boosted additive package promotes cleanliness and prolonged engine life. AMSOIL Extended-Life protection delivers peace of mind and convenience.

Resists Oil Breakdown

Extended-Life Synthetic Motor Oil maintains its fluidity (viscosity) under extreme conditions. Some oils break down and significantly increase in viscosity after extended periods of high-temperature operation. These changes can cause excessive oil consumption, engine deposits, accelerated wear and difficult cold-starts. AMSOIL Extended-Life Synthetic Motor Oil resists oil breakdown, ensuring protection in extreme temperatures.

Protects Pistons from Low-Speed Pre-Ignition

AMSOIL Extended-Life Synthetic Motor Oil features unique chemistry to protect your engine against the harmful effects of low-speed pre-ignition (LSPI). LSPI is the spontaneous ignition of the fuel/air mixture prior to spark-triggered ignition. Most new engines feature gasoline direct-injection (GDI), often coupled with a turbocharger. These technologies heighten the possibility of LSPI events, which can destroy pistons and connecting rods. AMSOIL Extended-Life Synthetic Motor Oil is formulated to guard your engine from LSPI.

Keeps Engines Clean

Extended-Life Synthetic Motor Oil is fortified with a boosted additive package that neutralizes acids and resists sludge, corrosion and carbon deposits. The extra protection built into Extended-Life Motor Oil provides peace of mind knowing your vehicle is getting premium protection and the convenience of extended drains.



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TYPICAL TECHNICAL PROPERTIES

AMSOIL Extended-Life Synthetic Motor Oil

	0W-20 (XLZ)	5W-20 (XLM)	5W-30 (XLF)	10W-30 (XLT)	10W-40 (XLO)
Kinematic Viscosity @ 100°C, cSt (ASTM D445)	8.7	8.9	11.3	11.1	15.8
Kinematic Viscosity @ 40°C, cSt (ASTM D445)	46.1	51	65.7	71	104.5
Viscosity Index (ASTM D2270)	169	156	166	148	161
CCS Viscosity, cP @ (°C) (ASTM D5293)	5838 (-35)	5540 (-30)	5346 (-30)	5345 (-25)	6056 (-25)
Flash Point °C (°F) (ASTM D92)	226 (439)	222 (432)	222 (432)	232 (450)	234 (453)
Fire Point °C (°F) (ASTM D92)	232 (450)	244 (471)	240 (464)	258 (500)	258 (496)
Pour Point °C (°F) (ASTM D97)	-42 (-44)	-42 (-44)	-42 (-44)	-42 (-44)	-39 (-38)
NOACK Volatility, % weight loss (g/100g) (ASTM D5800)	10.6	8.1	9.4	4.6	4.7
High-Temperature/High-Shear Viscosity @ 150°C, 1.0 X 10 ⁶ s. ⁻¹ , cP (ASTM D5481)	2.7	2.9	3.3	3.3	4.6
Total Base Number (ASTM D2896)	11	11	11	11	11

APPLICATIONS

Use AMSOIL Extended-Life Synthetic Motor Oil in applications that require any of the following specifications:

0W-20 (XLZ): API SP (Resource Conserving), SN Plus, SN...; ILSAC GF-6A, GF-5, GF-4...; GM dexos1* Gen 3 (supersedes dexos1 Gen 2 and 6094M); ACEA A1/B1; Chrysler MS-6395; Ford WSS-M2C947-A, WSS-M2C947-B1, WSS-M2C962-A1

5W-20 (XLM): API SP (Resource Conserving), SN Plus, SN...; ILSAC GF-6A, GF-5, GF-4...; GM dexos1* Gen 3 (supersedes dexos1 Gen 2 and 6094M); ACEA A1/B1; Chrysler MS-6395; Ford WSS-M2C930-A, WSS-M2C945-A, WSS-M2C945-B1, WSS-M2C960-A1

5W-30 (XLF): API SP (Resource Conserving), SN Plus, SN...; ILSAC GF-6A, GF-5, GF-4...; GM dexos1* Gen 3 (supersedes dexos1 Gen 2, 4718M, 6094M, LL-A-025); ACEA A1/B1, A5/B5; Chrysler MS-6395; Ford WSS-M2C929-B1, WSS-M2C946-A, WSS-M2C946-B1, WSS-M2C961-A1; Honda HTO-06

10W-30 (XLT): API SP (Resource Conserving), SN Plus, SN...; ILSAC GF-6A, GF-5, GF-4...; ACEA A1/B1, A5/B5; Chrysler MS-6395; Ford WSS-M2C205-A; GM 4718M, 6094M

10W-40 (XLO): API SP, SN Plus, SN...; ACEA A3/B3, A3/B4

COMPATIBILITY

AMSOIL Extended-Life Synthetic Motor Oil is compatible with conventional and other synthetic motor oils. Mixing other oils with AMSOIL motor oils, however, will shorten the oil's life expectancy and reduce its performance benefits. AMSOIL does not support extended drain intervals where oils have been mixed.

Aftermarket oil additives are **not recommended** for use with AMSOIL Extended-Life Synthetic Motor Oil.

TECHNICAL SERVICES

For immediate answers to your technical questions call 715-399-8324 (TECH) between 8 a.m. and 5 p.m. Central time or email tech@amsoil.com.

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SERVICE LIFE

Normal Service – Up to 20,000 miles (32,000 km) or one year, whichever comes first, in personal vehicles not operating under severe service.

Severe Service – Up to 12,000 miles (20,000 km) or one year, whichever comes first. Severe service conditions include commercial or fleet vehicles; excessive idling; or frequent towing, hauling, plowing or driving in dusty conditions.

- Modified engines (non-stock), racing vehicles and vehicles using alternative fuels (E85, CNG, propane, etc.) are excluded from extended drain interval recommendations.
- Change at the vehicle manufacturer's recommended drain interval outside U.S. and Canada.
- AMSOIL Oil Filters are designed for extended drain intervals. Do not exceed 12,000 miles (20,000 km) or one year with other brand filters unless longer intervals are recommended by the vehicle manufacturer. Always change filter when changing oil.
- Check oil regularly to maintain proper fill levels. AMSOIL Oil Filters stop smaller particles, flow more oil and last longer than regular filters. For best performance, use AMSOIL Oil Filters.

AMSOIL PRODUCT WARRANTY

Using AMSOIL synthetic lubricants or practicing extended drain intervals does not void your new vehicle or equipment manufacturer's warranty. All AMSOIL lubricants and filters are covered by the AMSOIL Limited Warranty. For complete information visit AMSOIL.com/warranty.aspx.

HEALTH & SAFETY

This product is not expected to cause health concerns when used for the intended application and according to the recommendations in the Safety Data Sheet (SDS). An SDS is available via the Internet at AMSOIL.com or upon request at 715-392-7101. **Keep Out of Reach of Children.** Recycle used oil and bottle.

AMSOIL products and Dealership information are available from your local full-service AMSOIL Dealer.