



The First in Synthetics®

EXTENDED DRAIN SYNTHETIC MOTOR OILS

Product Data Bulletin

PRODUCT DESCRIPTION

AMSOIL XL-7500 Synthetic Motor Oils are specially formulated to provide outstanding wear protection, power, fuel economy and performance for 7,500 miles or six months of service. With AMSOIL XL-7500 Synthetic Motor Oils, motorists driving 15,000 miles a year need only change their oil twice annually. AMSOIL XL-7500 Synthetic Motor Oils offer convenience and savings with outstanding performance and engine protection for extended periods.

Thermal and Oxidative Stability

AMSOIL XL-7500 Synthetic Motor Oils eliminate the need for frequent oil changes. Outstanding thermal and oxidative stability ensures long-term physical and chemical integrity of the oils after exposure to engine operating temperatures.

Low Volatility

Low volatility makes AMSOIL XL-7500 Synthetic Motor Oils highly resistant to oil consumption. The oils continue to lubricate, maintain fuel economy and reduce exhaust emissions for an extended drain interval.

Shear Stability

Superior shear stability ensures AMSOIL XL-7500 Synthetic Motor Oils maintain protective viscosity throughout extended service life. The oils continue to protect engine components from metal-to-metal contact and wear, especially in high temperatures.

High-Temperature Performance

AMSOIL XL-7500 Synthetic Motor Oils offer outstanding high-temperature engine protection and performance. Engines operate in optimal temperature range in high-stress conditions. In high-temperature operations, AMSOIL XL-7500 Synthetic Motor Oils provide clean, dependable lubrication and protection.

Low-Temperature Performance

Wax-free synthetic stocks ensure the rapid flow of motor oil throughout the engine after startup, protecting engines from wear. AMSOIL XL-7500 Synthetic Motor Oils' low-temperature fluidity also helps engines start dependably year-round and significantly improves cold-temperature fuel economy.

XL-7500 SYNTHETIC

5W-20, 5W-30, 10W-30 & 10W-40 MOTOR OIL

5W-20

- API SL, SJ • ILSAC GF-3, GF-2
- Ford WSS-M2C153H ACEA A1/B1
- JASO VTW

5W-30

- API SL, SJ • ILSAC GF-3, GF-2
- Ford WSS-M2C205A, M2C153G
- GM 4718M • Chrysler MS 10440, MS 6395H
- CEA A1, B1 • JASO VTW

10W-30

- API SL, SJ • ILSAC GF-3, GF-2
- Ford WSS-M2C205A, M2C153G
- GM 4718M • Chrysler MS 10441, MS 6395H
- ACEA A1, B1 • JASO VTW

10W-40

- API SL • SAE J300 • ILSAC GF-3, GF-2
- Chrysler MS 10440, MS6395H
- Ford WSS-M2C205A, M2C153G
- GM 4718-M • ACEA A1, B1 • JASO TW

Fuel Economy and Power

AMSOIL XL-7500 Synthetic Motor Oils enhance fuel economy and powerful performance. Low coefficients of friction ensure the maximum delivery of engine power with minimal frictional losses.

Corrosion, Rust and Foam Control

AMSOIL XL-7500 Synthetic Motor Oils seal out rust, neutralize acids and resist foaming. Rust inhibition is an especially important feature for engines subject to frequent short-trip operations or for stored engines. Acid neutralization protects engines from damage caused by corrosive by-products of combustion. Foam resistance ensures protection against metal-to-metal contact and wear.

Additive Durability

AMSOIL XL-7500 Synthetic Motor Oils contain top-quality additives designed for long-term performance. AMSOIL XL-7500 Synthetic Motor Oils protect engines from wear, corrosion, deposit accumulation and sludge buildup. The long-life additives in AMSOIL Synthetic XL-7500 Synthetic Motor Oils are designed to keep engines clean and protected for 7,500 miles or six months, whichever comes first.

TYPICAL TECHNICAL PROPERTIES

AMSOIL XL-7500 SYNTHETIC MOTOR OILS

XL-7500 5W-20(XLM) XL-7500 5W-30 (XLF) XL-7500 10W-30 (XLT) XL-7500 10W-40(XLO)

Kinematic Viscosity @ 100°C, cSt (ASTM D445)	8.9	10.3	10.2	14.5
Kinematic Viscosity @ 40°C, cSt (ASTM D445)	45.0	50.9	59.0	80.9
Viscosity Index (ASTM D2270)	183	196	163	178
CCS Viscosity, cP @ (°C) (ASTM D2602)	3670 (-30)	2320 (-25)	2300 (-20)	4951
Flash Point, °C(°F) (ASTM D92)	229 (444)	234 (453)	229 (444)	232 (450)
Fire Point, °C(°F) (ASTM D92)	242 (468)	250 (482)	242 (468)	248 (478)
Pour Point, °C(°F) (ASTM D97)	-46 (-51)	51 (-60)	-43 (-45)	-42 (-44)
Noack Volatility, % weight loss (g/100g) (ASTM D-5800)	8.2	8.8	4.7	5.6
High Temperature/High Shear Viscosity @ 150°C, 1.0X10 ⁶ s ⁻¹ , cP (ASTM D4683)	2.9	3.1	3.2	3.8
Four Ball Wear Test @ 40 kgf, 150° C, 1800 rpm, 1 hr, scar diameter, mm (ASTM D4172)	0.38	0.38	0.38	0.38
Total Base Number (ASTM D2896)	10.2	10.1	10.2	10.2

Meets or exceeds the following specifications for domestic and foreign gasoline engines:

SAE 5W-20

- API SL, SJ
- ILSAC GF-3, GF-2
- Ford WSS-M2C153H
- ACEA A1/B1
- JASO VTW

SAE 5W-30

- API SL, SJ
- ILSAC GF-3, GF-2
- Ford WSS-M2C205A, M2C153G
- GM 4718M
- Chrysler MS 10440, MS 6395H
- ACEA A1, B1
- JASO VTW

SAE 10W-30

- API SL, SJ
- ILSAC GF-3, GF-2
- Ford WSS-M2C205A, M2C153G
- GM 4718M
- Chrysler MS 10441, MS 6395H
- ACEA A1, B1
- JASO VTW

SAE 10W-40

- API SL
- SAE J300
- ILSAC GF-3, GF-2
- Chrysler MS 10440, MS6395H
- Ford WSS-M2C205A, M2C153G
- GM 4718-M
- ACEA A1, B1
- JASO VTW

MIXING AMSOIL

AMSOIL XL-7500 Synthetic Motor Oils are compatible with conventional petroleum oils. However, AMSOIL does not recommend using a mixture of XL-7500 oils and conventional oils for 7,500-mile or six-month drain intervals. Engine oil additives are not recommended for use with AMSOIL XL-7500 oils.

SERVICE LIFE

In gasoline-fueled passenger vehicles in normal or severe service, change AMSOIL XL-7500 Synthetic Motor Oils at 7,500-mile or six-month intervals, whichever comes first. Change aftermarket or OEM full flow oil filters with every oil change. Premium quality AMSOIL Full-Flow Oil Filters are recommended for use with AMSOIL XL-7500 Synthetic Motor Oils, and may be used for 7,500 miles or six months, whichever comes first.

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

