



The First in Synthetics®

EXTENDED DRAIN SYNTHETIC MOTOR OILS

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 a high degree of convenience and savings through their ability to perform and protect engines for extended periods.

Thermal and Oxidative Stability

The outstanding thermal and oxidative stability of AMSOIL XL-7500 Synthetic Motor Oils ensure the long-term physical and chemical integrity of the oils after exposure to engine operating temperatures. Oils with poor thermal and oxidative stability break down rapidly in engine operating temperatures. After breakdown, oils lose their ability to lubricate and protect engines, and the products of oil breakdown form sludge, varnish, deposits and acids. Poor thermal and oxidative stability are the top reasons conventional oils require frequent changing.

Low Volatility

Low volatility makes AMSOIL XL-7500 Synthetic Motor Oils highly resistant to oil consumption. High rates of oil consumption reduce the total volume of oil protecting an engine, impede oil's ability to lubricate, reduce fuel economy, increase exhaust emissions and make frequent oil changes necessary.

Shear Stability

Superior shear stability ensures AMSOIL XL-7500 Synthetic Motor Oils maintain their protective viscosity throughout their extended service life. Oils with poor shear stability lose viscosity relatively quickly, and with it lose their ability to protect engine components from metal-to-metal contact and wear, especially in high temperatures. To ensure proper engine protection, oils with low shear stability need frequent replacement.

High Temperature Performance

AMSOIL XL-7500 Synthetic Motor Oils offer outstanding high temperature engine protection and performance. Their outstanding heat-transfer capabilities help keep engines operating in their optimal temperature range in high-stress conditions. Conventional oils often allow

XL-7500 SYNTHETIC

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

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

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

5W-20

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

engine heat to climb excessively during stressful operations, which promotes oil breakdown and engine wear.

In high temperature operations, AMSOIL XL-7500 Synthetic Motor Oils are better able to provide clean, dependable lubrication and protection than are conventional oils, due to the superior thermal-, oxidative- and shear stability and lower volatility of AMSOIL XL-7500 Synthetic Motor Oils.

Low Temperature Performance

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

Fuel Economy and Power

AMSOIL XL-7500 Synthetic Motor Oils enhance fuel economy and powerful performance. Their 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 the metal-to-metal contact and wear that occurs with foamy oils.

Additive Durability

AMSOIL XL-7500 Synthetic Motor Oils contain top-quality additives designed for long-term performance. Loss of additive performance limits the durability of conventional motor oils. When conventional oils are left in place too long, they may expose engines to increased rates of 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-30 (XLF) . . . XL-7500 10W-30 (XLT) . . . XL-7500 5W-20 (XLM)

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

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

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 5W-20

- API SL, SJ
- ILSAC GF-3, GF-2
- Ford WSS-M2C153H
- 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.

