



“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

XL-7500 SYNTHETIC 5W-30 & 10W-30 Motor OIL

API SJ, CD ● ILSAC GF-2
Chrysler MS6395 F ● Ford ESE M2C-153E
GM 4718M & 6094-M ● JASO VTW
Mercedes Benz AG 226.1

temperature range in high-stress conditions. Conventional oils often allow 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 increase rates of wear, corrosion, deposit accumulation and sludge buildup. The long-life additives in AMSOIL XL-7500 Synthetic Motor Oils are designed to keep engines clean and protected for 7,500 miles or six months.

TYPICAL TECHNICAL PROPERTIES

AMSOIL XL-7500 SYNTHETIC MOTOR OILS	XL-7500 5W-30	XL-7500 10W-30
Kinematic Viscosity @ 100°C, cSt (ASTM D-445)	10.1	10.3
Kinematic Viscosity @ 40 C, cSt (ASTM D-445)	58.4	64.0
Viscosity Index (ASTM D-2270)	160	148
CCS Viscosity @ -20°C, cP (ASTM D-2602)	2320 (-25)	2300 (-20)
Flash Point, °C [°F] (ASTM D92)	240 (464)	244 (471)
Fire Point, °C [°F] (ASTM D-92)	248 (478)	248 (478)
Pour Point, °C [°F] (ASTM D-97)	-51 (-60)	-48 (-54)
Noack Volatility, % weight loss (g/100g) (DIN 51581)	7.1	7.0
High Temperature/High Shear Viscosity		
cP, 150°C, 1.0 x 10 ⁶ s. ⁻¹ (ASTM D-4683)	3.1	3.2
Four Ball Wear Test (ASTM D-4172B: 40 kg, 75°C		
1200 rpm, 1 hr) Scar, mm040	0.40
Total Base Number	9.0	9.0

APPLICATION

AMSOIL XL-7500 Synthetic Motor Oils meet or exceed the following specifications.

- API SJ/CF
- ILSAC GF-2
- Chrysler MS 6395 H
- Ford ESE M2C-153F
- General Motors 4718M and 6094-M
- JASO VTW
- Mercedes Benz AG 226.1

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.

NEW VEHICLE UNDER WARRANTY

All makers of domestic and foreign nameplate vehicles sold in North America recommend the use of specific viscosity grades of API certified oils. AM-

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 or according to the automaker's filter change interval recommendation, whichever comes first.

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 PRODUCT WARRANTY

AMSOIL INC. warrants that the use of its lubricants will not cause mechanical damage to any mechanically sound equipment when AMSOIL INC. products are used in full compliance with the AMSOIL recommendations.

AMSOIL products and Dealership Information are

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