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P.i.® Performance Improver

For optimum fuel efficiency and lower emissions, fuel must first be atomized into a fine mist prior to combustion. Over time, injector deposits produce irregular spray patterns with heavy streams of gasoline that reduce performance, while intake valve deposits also decrease efficiency. AMSOIL P.i. Performance Improver cleans injector and intake valve deposits to improve fuel efficiency up to 5.7 percent and an average of 2.3 percent. Hot-running direct-fuel-injected engines are more susceptible to harmful deposits, making it even more important to clean injectors routinely.





Intake Valve before P.i. Treatment

Intake Valve after P.i. Treatment

AMSOIL
The First in Synthetics®

Contact your local, full-service AMSOIL Dealer for more information on AMSOIL products or to place an order. You may also order direct by calling AMSOIL INC. at 1-800-956-5695 and providing the referral number listed here. ▼

Referral #_____

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G2945 12/17



AMSOIL Synthetic Motor Oils

AMSOIL synthetic motor oils are designed to form a durable oil film that protects hard-working engines from heat and wear, even in extreme conditions. AMSOIL motor oils help engines operate at peak efficiency and achieve maximum life. They offer a unique combination of performance and convenience other oils simply can't match. With four premium synthetic motor oil lines available – including a synthetic formula for European vehicles – we have an oil specifically designed to protect your engine.

AMSOIL XL Synthetic Motor Oil is for enthusiasts who want to do something extra for their vehicle. It's engineered for advanced automotive technology, including turbos and direct injection. XL's boosted formulation delivers more cleaning power and extra protection that lasts up to 12,000 miles or 1 year, whichever comes first. Available in five viscosities.





AMSOIL Signature Series Synthetic Motor Oil is engineered for enthusiasts seeking maximum protection and performance. It's precision-formulated with cutting-edge technology and a longstanding devotion to making the world's best motor oil. The result: engine protection that blows the doors off the highest industry standards. Available in seven viscosities.

AMSOIL Signature Series Synthetic Motor Oil provides **75 percent more engine protection against horsepower loss and wear** than required by a leading industry standard.*



AMSOIL OE Synthetic Motor Oil delivers 100 percent synthetic engine protection for advanced automotive technology, including turbos and direct injection It's specifically formulated for the longer drain intervals recommended by original equipment (OE) manufacturers. Available in four viscosities.



*Based on independent testing of AMSOIL Signature Series 0W-20, in ASTM

AMSOIL European Car Formula Synthetic Motor Oil is formulated for the unique demands of European engines. Available in a range of viscosities and different levels of emissions system protection to keep sensitive emissions systems operating efficiently.



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AMSOIL Ea® Oil Filters

Protection

A filter's efficiency refers to its ability to trap dirt and other contaminants. AMSOIL Ea Oil Filters trap and hold 98.7 percent of particles 20 microns and larger, while competitive filters demonstrate efficiencies as low as 51 percent. Particles 20 microns and larger can cause catastrophic engine failure, meaning Ea Oil filters do a better job protecting against engine wear.

Extended Service

Used with AMSOIL synthetic motor oils, Ea Oil Filters have a maximum recommended service life of either 15,000 miles or 25,000 miles, depending on the application, saving motorists time and money.



AMSOIL Drivetrain Fluids

AMSOIL Synthetic Transmission Fluids

Modern transmissions run hot, especially if you're towing a boat or camper. Intense heat and friction can cause inferior fluids to break down, leaving your transmission susceptible to failure and in need of thousands of dollars in repairs. The problem is worse in today's transmissions with more gears, clutch packs and narrow oil passages that require clean, high-quality fluid. AMSOIL formulates a complete line of high-quality synthetic transmission fluids to suit the needs of any motorist.



Tow Twice as Long
Guaranteed for twice the manufacturer's recommendation for severe service



AMSOIL Signature Series Synthetic Automatic Transmission Fluid
- **Specifically** formulated for severe-service towing and heavy hauling
- **Delivers** reserve protection against extreme heat



AMSOIL OE Synthetic Automatic Transmission Fluid
- **Offers** excellent wear protection and extreme-temperature performance for autos/light trucks
- **Perfect** for daily drivers who don't require the reserve protection of Signature Series ATF



AMSOIL Synthetic CVT Fluid
- **Provides** excellent wear protection in continuously variable transmissions
- **Helps** prevent belt and chain slipping



AMSOIL 100% Synthetic DCT Fluid
- **Outstanding** wear protection for dual-clutch transmissions
- **Excellent** performance in extreme heat and cold
- **Designed** to prevent shudder

AMSOIL Severe Gear® Synthetic Gear Lube

Too often differentials are out of sight, out of mind. Towing and hauling can increase harmful heat until the gear lube thins, inviting wear and further increasing heat in a cycle known as thermal runaway. The cycle intensifies as heat increases, ultimately leading to poor performance and even failure. **AMSOIL Severe Gear® Synthetic Gear Lube** is specifically formulated for severe service, helping differentials provide long, trouble-free life.

- **Guards** against thermal runaway
- **Resists** harmful deposits
- **Maximum** wear protection

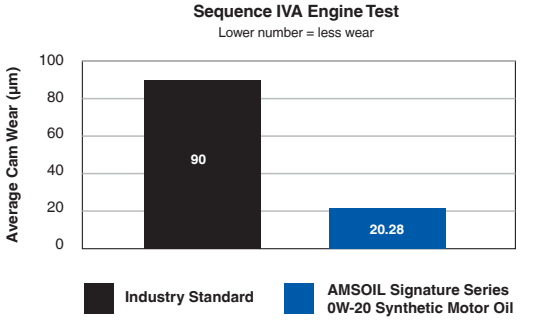
How does AMSOIL compare?

Outperforms Industry Standards

The Sequence IVA Engine Test, which must be passed to meet the industry-standard API SN specification, simulates extended periods of stop-and-go driving. For 100 hours, the test engine cycles between 50 minutes of idling and 10 minutes of elevated rpm – conditions that encourage engine wear. We used Signature Series 0W-20, the lightest viscosity in the line, to further increase the severity of the test. AMSOIL Signature Series Synthetic Motor Oil provided **75 percent more engine protection against horsepower loss and wear*** than required by the industry standard, extending the life of vital components like pistons and cams.

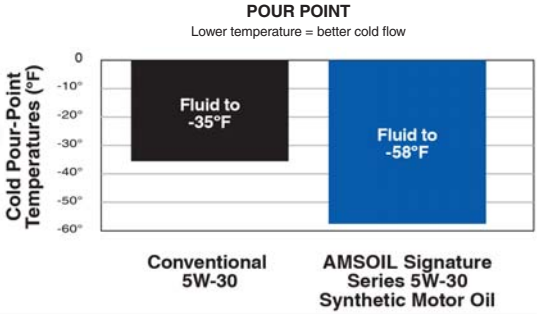


*Based on independent testing of AMSOIL Signature Series 0W-20, in ASTM D6891 as required by the API SN specification.



Easier Cold-Starts

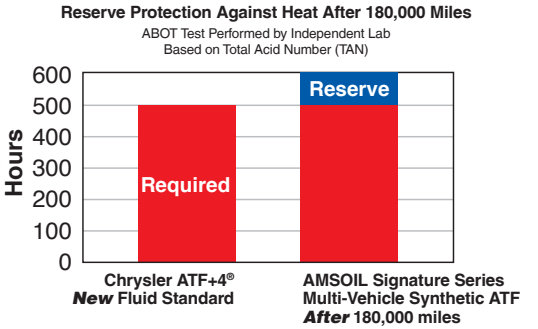
Signature Series Synthetic Motor Oil does not contain paraffins (wax) and stays fluid in temperatures of -58°F and lower. Extreme cold causes other motor oils to thicken, starving vital moving parts of lubrication, accelerating wear and even preventing vehicles from starting. Signature Series provides 66 percent better cold-temperature performance for easier starting, better fuel economy, improved oil flow and reduced wear.



Reserve Heat Protection

The Aluminum Beaker Oxidation Test (ABOT) is one industry-accepted method used to determine a transmission fluid's oxidation resistance, which is a good indicator of its service life. Testing by an independent lab reveals that after more than 180,000 miles in severe service, Signature Series Multi-Vehicle Synthetic ATF resisted oxidation longer than required for new fluid to meet the Chrysler ATF+4 specification.





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