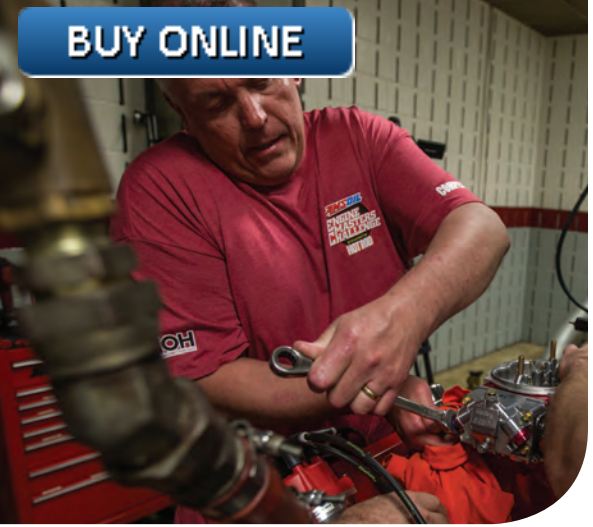

Trusted by Professional Engine Builders

Dedicated engine builders and mechanics put in long hours honing their craft. These architects of powerful, high-performance engines turn to Signature Series to protect their passion.

“When we use AMSOIL, I don’t worry about a film breakdown or an oil breakdown – and the oil pressure is always consistent. We’ve tested oils back-to-back on the dyno in our shop and we’re always able to make more power with AMSOIL.”

Brett Bowers, Engine Masters Competitor and Professional Engine Builder

AMSOIL
The First in Synthetics®

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- **75 percent** more wear protection[1]
- **Ideal** for turbos & direct injection
- **Trusted** by professional engine builders
- **50 percent** more cleaning power[2]

[1]*Based on independent testing in the ASTM D6891 test using 0W-20 as worst-case representation.* [2]*vs. AMSOIL OE Motor Oil*

AMSOIL
The First in Synthetics®

A.J. Amatuzio founded AMSOIL on the principles of uncompromising quality and performance. It wasn’t enough for his synthetic oil to simply perform well, it had to outperform everything else on the market. In 1972, the breakthrough came. He set all new standards with his introduction of the world’s first API-qualified synthetic motor oil. AMSOIL Signature Series products embody his vision.

Although other companies have since followed the AMSOIL lead and introduced synthetic oils of their own, Signature Series remains the pinnacle of synthetic lubrication to its legion of dedicated users. And no other oil can match the value of Signature Series’ guaranteed protection throughout a 25,000-mile/one-year drain interval.* Next time you change your oil, choose the oil that continues to redefine the industry.

**In normal service.*



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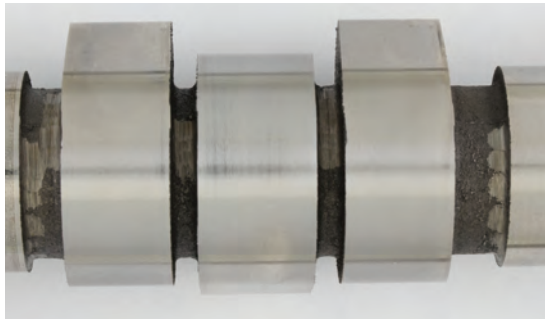
A New Level of Motor Oil Technology

AMSOIL Signature Series Synthetic Motor Oil is formulated in the lab, molecule by molecule, to deliver maximum engine protection and performance in all critical areas of lubrication. Its cutting-edge technology provides the peace of mind that your engine is fully protected – even in the most extreme conditions. Signature Series represents over four decades of devotion to making the world's best motor oil. The result: engine protection that blows the doors off the highest industry standards.



Maximum Wear Protection

Signature Series Synthetic Motor Oil provides **75 percent more protection against horsepower loss and wear**[1] than required by a leading industry standard, extending the life of vital components like pistons and cams. Its strong fluid film keeps metal surfaces separated while its robust anti-wear additives further reduce wear in metal-to-metal contact regions for maximum engine life.



After rigorous third-party testing, these cam lobes show little to no wear thanks to Signature Series.

Fights Heat

AMSOIL Signature Series Synthetic Motor Oil handles heat so well that it **protects turbochargers 72 percent better than required**[2] by the GM dexos1 Gen 2 specification®. Our unique synthetic formulation is inherently stable to resist oxidation and neutralize acids. Signature Series provides the ultimate protection against extreme heat and the harmful deposits that can plague turbochargers.

Controls LSPI

Turbochargers and gasoline direct-injection (GDI) boost power and improve fuel economy, but also pose significant challenges to motor oil. One of these challenges is low-speed pre-ignition. LSPI is the spontaneous ignition of the fuel/air mixture prior to spark-triggered ignition. It occurs in today's advanced engines and is much more destructive than typical pre-ignition.

Signature Series provided **100 percent protection against LSPI** in the engine test required by the GM dexos1 Gen 2 specification, proving it can protect turbocharged and GDI engines.



Reserve Protection: Guaranteed

AMSOIL Signature Series Synthetic Motor Oil provides reserve protection, allowing you to go longer between oil changes if you choose. Extend oil drains up to 25,000 miles, 700 hours of operation or one year, whichever comes first. Signature Series provides peace of mind so you can fit oil changes into your schedule.



Max Cleaning Power to Battle Sludge

AMSOIL Signature Series Synthetic Motor Oil has **50 percent more detergents** [1] to help keep oil passages clean and promote oil circulation. Its detergent and dispersant additives are so effective, Signature Series provides **90 percent better protection against sludge**[2] than required by a leading industry standard.

Limits Oil Consumption

Volatility (burn-off) occurs when oil gets hot, causing high oil consumption and emissions. Signature Series resists volatility better than vehicle manufacturer requirements, helping reduce the need for frequent oil top-offs and limit vehicle emissions.

1 Based on independent testing of AMSOIL Signature Series 0W-20, in ASTM D6891 as required by the API SN specification. 2 Based on independent testing of AMSOIL Signature Series 5W-30 in the GM turbo coking test.

1 vs. AMSOIL OE Motor Oil 2 Based on independent testing of AMSOIL Signature Series 5W-30 in the ASTM D6593 engine test for oil screen plugging as required by the API SN specification.

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