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Questions & Answers About  
AMSOIL Synthetic Motor Oils



**Order by Phone 1-800-956-5695 - Give Operator Reference #5847896**



*The First in Synthetics®*

For over 40 years, the name AMSOIL has meant the best performance, protection and value to millions of motorists. AMSOIL synthetic lubricants and automotive products have been repeatedly proven superior to other brands. Available internationally, the name AMSOIL means the same thing worldwide: top-quality performance and protection.

- **First** API-rated 100 percent synthetic motor oil.
- **First** to introduce the concept of "extended drain intervals" with a recommended 25,000-mile/12-month drain interval.
- **First** synthetic motor oil for diesel engines.
- **First** synthetic motor oil for racing engines.
- **First** synthetic motor oil for turbocharged engines.
- **First** synthetic motor oil for marine engines.
- **First** synthetic gear lube for automotive use.
- **First** 100:1 pre-mix synthetic 2-cycle oil.
- **First** synthetic automatic transmission fluid for automotive use.





# Answers to Common Questions About AMSOIL Synthetic Motor Oils



**I've heard that using AMSOIL synthetic motor oil in new vehicles or powersports equipment can void the manufacturer warranty. Is this true?**

Absolutely not. Vehicle and equipment manufacturers recommend using motor oils meeting certain viscosity grades and service requirements. The manufacturer is required to cover all equipment failures it would normally cover as long as the oil satisfies the requirements and was not the cause of the failure. AMSOIL motor oils meet or exceed these requirements. Even so, AMSOIL has its own limited warranty, protecting you even further. In addition, the federally mandated Magnuson-Moss Act states that a manufacturer may not require the use of a specific brand of aftermarket product unless it's provided free of charge.

*Note: If a dealership, service center or other business states using AMSOIL synthetic motor oil will void your manufacturer warranty, contact AMSOIL Technical Services at (715) 399-TECH (8324) or email [tech@amsoil.com](mailto:tech@amsoil.com). AMSOIL will contact the business and set the record straight. Your name will be held in confidence.*

**What's the difference between conventional petroleum motor oils and AMSOIL synthetic motor oils?**

Conventional petroleum oils are refined from crude oil, which is pumped from within the earth. The refining process, however, does not remove many of the impurities inherent in the crude oil. These impurities detract from the lubricating ability of the oil and contribute to deposit, sludge and varnish formation. AMSOIL synthetic motor oils are constructed in the laboratory using an engineering process that removes impurities. They have uniform molecular structures and are designed for specific lubricating applications. They are not as easily affected by the high temperatures or demanding operating conditions of modern engines.

**I was always told to change my oil every 3,000 miles if I wanted to properly maintain my vehicle. How is it possible to drive 25,000 miles without an oil change using AMSOIL synthetic motor oil?**

AMSOIL synthetic motor oils provide extended-drain performance because they resist breakdown better than conventional petroleum oils. AMSOIL motor oils are formulated to prevent the formation of performance-robbing deposits and resist volatilization (burn off), which alters viscosity and increases oil consumption. Finally, AMSOIL motor oils' superior additive packages, a key element in the oils' ability to function, hold up under engine stresses, remaining serviceable for the full recommended drain interval.

All AMSOIL motor oils are formulated to deliver extra protection. Some families of AMSOIL motor oil provide so much extra protection you can extend drain intervals, if you choose, allowing you to change oil on your schedule, reduce maintenance and reduce waste oil. Signature Series Synthetic Motor Oil is guaranteed to run 25,000 miles, 700 hours of operation or one year in mechanically sound engines in normal service; 15,000 miles, 700 hours of operation or one year in severe service. In fact, some AMSOIL diesel oils carry drain interval recommendations of up to 50,000 miles. AMSOIL coined the phrase "extended drain interval," and it's been validated by over 40 years of industry testing and millions of over-the-road miles.

**AMSOIL motor oil costs more than my regular oil. How can I justify paying this higher price?**

The price of AMSOIL synthetic motor oils is higher off the shelf than petroleum oils, but comparing AMSOIL products and other motor oils is like comparing apples and oranges. Signature Series Synthetic Motor Oil provides 75 percent more engine protection against horsepower loss and wear than required by a leading industry standard\*, extending the life of vital components like pistons

and cams. Superior products rightfully command a premium price. Like anything of value, however, the true consumer cost doesn't end with the purchase price. AMSOIL motor oils are extremely cost-effective compared to conventional oils due to savings realized in fuel economy, reduced repairs, fewer oil changes, reduced downtime, reduced maintenance and extended engine life. Nonetheless, AMSOIL also offers XL and OE, which are both very competitively priced.

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

**I bought a new car a year ago, and I've been running petroleum motor oil in it ever since. Could switching to AMSOIL synthetic motor oil now cause mechanical problems?**

Switching from petroleum oil to AMSOIL synthetic motor oil is perfectly safe.

**Can I mix AMSOIL synthetic motor oil with my petroleum oil?**

Yes, you can. There is no danger mixing AMSOIL motor oil with another brand; however, a conventional petroleum oil will detract from the superior performance of AMSOIL motor oil. AMSOIL does not support extended drain intervals where oils have been mixed.

**Should oil additives or aftermarket products be added to AMSOIL motor oils?**

No, you don't need them. AMSOIL motor oils are formulated under the strictest quality control standards to provide superior lubrication performance. Additives cost money and only detract from the quality of AMSOIL motor oils.

**What benefits can people expect using AMSOIL motor oils?**

AMSOIL synthetic motor oils are formulated to maximize protection, performance and fuel economy. They help reduce oil consumption, emissions and repair costs while promoting easier cold-temperature starts.

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