



The First in Synthetics®

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QUESTIONS & ANSWERS about



Synthetic MOTOR OILS



First . . . and Still the Best!

For over 30 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.

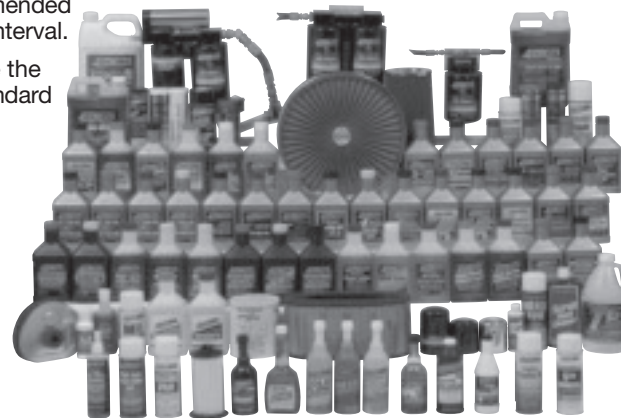


The Company of Firsts

Documented History of Innovation and Leadership

- **First** to develop an 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** U.S. company to utilize the NOACK volatility test as a standard of performance excellence.
- **First** to produce synthetic motor oils for diesel engines, racing engines, turbos and marine engines.
- **First** to introduce synthetic oils that legitimately contribute to improving fuel efficiency.

- **First** to manufacture synthetic gear lube for automotive use.
- **First** to manufacture a 100:1 pre-mix synthetic 2-cycle oil.
- **First** to manufacture a synthetic automatic transmission fluid for automotive use.



Answers To Common Questions Regarding **AMSOIL Synthetic Motor Oils**

I just bought a new car, and I'd like to try AMSOIL motor oil. Could using AMSOIL void my new car warranty?

Absolutely not. Vehicle manufacturers recommend using motor oils meeting certain viscosity grades and American Petroleum Institute service requirements. Whether the motor oil is petroleum based or synthetic will not affect warranty coverage. The manufacturer is required to cover all equipment failures it would normally cover as long as the oil meets the requirements and was not the cause of the failure. AMSOIL exceeds these requirements and has never been deemed the cause of an engine's failure. 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 car dealership, service center or other business states that using AMSOIL motor oil will void your new car warranty, ask for that statement in writing and send it to AMSOIL Technical Services. If the business won't provide the statement in writing send AMSOIL Technical Services a letter identifying who made the statement, the name and location of the business and what the specific statement was. AMSOIL will then send a letter to the business informing them that their position is inaccurate, and, in fact, violates existing law. Your name will be held in confidence.

What's the difference between conventional petroleum motor oils and 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 and contain no impurities. AMSOIL synthetic motor oils have uniform molecular structures and are designed for specific lubricating applications. They are not 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 are guaranteed to run 25,000 miles or one year in mechanically sound engines in normal service, 15,000 miles or one year in severe service, providing the oil is kept free of contaminants by changing the oil filter according to the manufacturer's recommendation or, when using an AMSOIL Ea Oil Filter, changing the filter at one year or 25,000 miles, whichever comes first. AMSOIL

coined the phrase "extended drain interval" and it's been validated by 30 years of industry testing and by tens of thousands of motorists and millions of over-the-road miles.

AMSOIL synthetic motor oils provide extended drain performance because they don't break down in heat like conventional petroleum oils do. AMSOIL motor oils don't form performance-robbing deposits, and don't volatilize (burn off), which alters viscosity and increases oil consumption. Finally, AMSOIL motor oils' superior additive package, a key element in the oil's ability to function, holds up under engine stresses, remaining serviceable for the full 25,000 miles.

AMSOIL costs more than my regular oil does. How can I justify paying this higher cost?

AMSOIL synthetic motor oils are more expensive off the shelf than most petroleum oils, but comparing AMSOIL and other motor oils is like comparing apples and oranges. AMSOIL motor oils' performance so far exceeds that of conventional motor oils, they're really a different class of product. AMSOIL is a premium product that rightfully commands a premium price.

Like anything of real value, however, the true consumer cost doesn't end with the purchase price. AMSOIL motor oils are extremely cost effective compared to conventional 3,000-mile drain interval oils in savings

realized in fuel economy, reduced repairs, fewer oil changes, reduced downtime, reduced maintenance and extended engine life.

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

Switching from petroleum oil to AMSOIL is perfectly safe.

Can I mix AMSOIL with my petroleum oil?

Yes, you can. There is no danger in mixing AMSOIL with another brand. However, a conventional petroleum oil will detract from the superior performance of AMSOIL.

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 have demonstrated improved performance and fuel economy, reduced oil consumption, lower repair costs, easier cold-temperature starts, increased engine life and reduced emissions.