

AMSOIL INC. and Oil Analyzers Inc. offer AMSOIL Dealers and their customers accurate oil analysis reports detailing the condition of one's engine oil. Printed reports typically only take a few days and include the following information:

- wear metals present
- oxidation levels
- nitration level
- soot levels from diesel engines



See your nearby AMSOIL Dealer today!



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Now You Can Virtually Eliminate Oil Changes



Engine Protection Plan

You can keep your oil clean and leave it in the crankcase indefinitely

From the company that pioneered long drain synthetic motor oils comes another significant breakthrough... an oil, filtration, and oil monitoring system that can virtually eliminate the need for changing oil in personal vehicles with mechanically sound engines!†

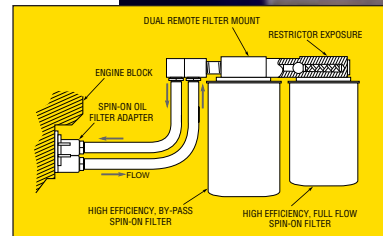
How does it work? Simple! You start with the best long life motor oil in the industry, AMSOIL Synthetic Motor Oil* and install two revolutionary filters, an AMSOIL Foam Air Filter and the AMSOIL Spin-On By-Pass Oil Filter. Together they are designed to keep the oil free of dirt and other harmful contaminants. Then, as part of your regular engine maintenance, you monitor the condition of your motor oil through simple, periodic oil analysis. Nothing could be easier!

You receive all the benefits of a super premium synthetic motor oil, plus you enjoy trouble-free driving for as long as you own your vehicle, usually without ever having to change oil again.

The system is called TRIGARD, and for motorists who have experienced the mess and expense of having to change motor oil at regular intervals, it may sound too good to be true. In fact, TRIGARD has been recognized by automotive experts as the motor oil lubrication system of tomorrow, which, thanks to AMSOIL, can be yours today!

†Although heavy-duty, industrial, commercial, and fleet applications are not qualified under this program, their drain intervals may be significantly extended with AMSOIL Lubricants, Filters and used oil analysis.

*Use any AMSOIL Synthetic Motor Oil. AMSOIL XL-7500 motor oils, semi-synthetic or petroleum oils are not covered under this program.



Keep your engine oil perpetually clean!



Engine Protection Plan



1. The Best Motor Oil

The key to extending drain intervals is the oil you use. AMSOIL 100% Synthetic Motor Oil was the first and may be the only 25,000-mile motor oil on the market. Today AMSOIL manufactures a number of high quality long life synthetic motor oils.

Because AMSOIL Motor Oils are synthetic lubricants, they withstand temperature extremes within an engine without “breaking down” like conventional petroleum oils. They provide excellent protection at high temperatures and easier starting at sub-zero temperatures. Kept clean, they will last indefinitely to cool, clean and reduce friction and wear for the best possible fuel economy and the longest possible engine life.

2. The Best Air & Oil Filters

Dirt is your engine’s worst enemy. It’s the single major cause of engine wear. AMSOIL TRIGARD utilizes two extremely effective filters to (1) keep airborne dirt from entering your engine through the engine air intake, and (2) continuously filter contaminants and combustion by-products from the engine oil.

First, install an AMSOIL Air Filter. AMSOIL Air Filters are manufactured with a patented filter foam material that traps and holds up to 350 percent more dirt . . . and does it while allowing minimal restriction of air flow to the engine!

Then install the AMSOIL Spin-On By-Pass Oil Filter. It is much more effective than conventional oil filters. Not only does it filter particles down to less than 1 micron, it also removes water from the oil!

This remarkably effective oil filter is the heart of the TRIGARD System. Maintained per AMSOIL recommendations, it keeps AMSOIL Motor Oil so clean and free of harmful contaminants that it is suitable for continued use following regular oil analysis intervals!

For the ultimate in oil filtration, use the AMSOIL Dual Remote Oil Filtration System. The Dual Remote System converts an engine’s full-flow oil filter system into a full-flow/by-pass oil filter system by attaching AMSOIL Full-Flow and By-Pass Oil Filters onto a single remote mount. The Dual Remote Filtration System is designed to provide superior filtration efficiency, increased oil capacity and improved oil filter accessibility.

3. The Best Engine Monitoring

Regardless of the kind of oil or filters used, mechanical problems in an engine are not always noticed until it is too late. Engine monitoring can save you the cost of major engine repairs or a new engine! By analyzing used engine oil, a qualified lab can detect mechanical problems your engine may have. To insure that your engine is performing properly, the TRIGARD Plan includes a first-time oil analysis

between 1,000 and 6,000 miles. The second analysis is performed after one year or 25,000 miles, whichever comes first.† Continued oil analysis at six-month or 12,500-mile intervals (whichever comes first) will monitor the condition of your oil and your engine. The long-term oil analysis program has been shortened to six month or 12,500-mile intervals due to stress made by modern engine designs. Today’s engines run hotter, are equipped with more pollution control equipment, and have higher weight-to-horsepower ratios. Another reason for more frequent testing intervals is that motor fuels, including

gasoline and diesel, have steadily declined in quality and cleanliness.

Getting a sample of used engine oil from your engine is a simple procedure using oil sample bottles included with the TRIGARD Plan and the petcock available for the bypass filter. This procedure assures many thousands of miles of trouble-free driving.

†12,500 miles on diesel or turbocharged vehicles.



AMSOIL TRIGARD DELIVERS THESE IMPORTANT BENEFITS...

Extended Oil Life AMSOIL Synthetic Motor Oils are lubricants with extended drain interval capabilities. When used in the TRIGARD System, the usable life of these oils is extended dramatically because the oil is kept clean and free of harmful deposits, and the additives in the oil last substantially longer.

Less Engine Wear Dirt is the major cause of engine wear. AMSOIL foam air filters capture and hold more and finer dirt particles from the air than regular paper filters. This allows the oil to remain free of external contamination. Even with normal filtration, AMSOIL Motor Oil reduces wear; but by completely filtering out abrasive particles from the oil with the By-Pass Filter, it virtually eliminates wear. Keeping AMSOIL clean and free of harmful deposits will dramatically extend engine life.

Better Fuel Economy The TRIGARD System improves fuel economy in a number of ways. By virtue of reduced friction, AMSOIL Motor Oil improves fuel economy. Keeping it clean insures that it will continue to deliver the best possible fuel economy in your vehicle. Also, an AMSOIL Foam Air Filter will help your engine run more efficiently by allowing minimal restriction of air flow for consistent and proper fuel-air mixture, reducing the need to downshift on hills or under load. TRIGARD helps to achieve the maximum fuel economy from your vehicle, and significant savings for you!

Reduces Oil Consumption Because of its low volatility, AMSOIL Synthetic Motor Oil naturally reduces oil consumption

But keeping it clean is important, because dirty oil promotes excessive oil consumption. Dirty oil also increases the rate of wear on bearings, cylinders, pistons and rings, further contributing to oil consumption.

Reduced Fuel Dilution Because dirty oil won’t allow piston rings to seal properly, more by-products of combustion get past the rings into the oil and also allows excessive fuel dilution. Fuel dilution can be greatly reduced by maintaining clean oil.

Reduced Rust and Corrosion All engines are susceptible to water formed by condensation. Complete combustion of fuel results in a mixture of CO₂ and water. Many vehicles today are not run long enough to allow the engine to achieve operating temperature and avoid accumulation of water in the oil. This water can combine with combustion by-products to form acids which attack metal surfaces and cause excessive wear. AMSOIL Motor Oil is formulated with extra rust inhibitors to help combat this problem, and the AMSOIL Spin-On By-Pass Filter’s unique filter element actually filters out and holds over one pint of water so that acid formation is minimized, if not eliminated altogether.

