AMSOIL The First in Synthetics®

The Performance Choice for Today's Engines

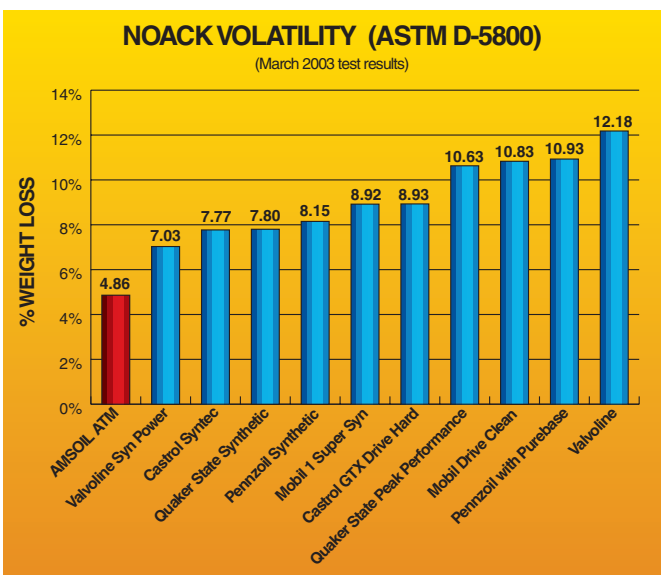
Advanced Technology Products

AMSOIL: Advanced Technology for Maximum Performance

In 20 years, engine speeds have increased 50 percent. Modern engines are smaller, leaner-burning, hotter-running, have higher compressions and use smaller radiators and oil sumps. Many use turbochargers and multivalve heads which boost rpms and temperatures even higher.

Over the same period, oil drain intervals have increased as much as 300 percent. Modern engines produce more power with better fuel economy and fewer emissions than ever before, and the oil protecting them is working harder than ever, too.

Superior Heat Performance



The smaller the weight loss due to high temperature evaporation, the better the oil retains its ability to lubricate and protect the engine. As shown in the graph, AMSOIL Synthetic 10W-30 Motor Oil out-performed its nearest competitor by more than 30 percent.

AMSOIL synthetic motor oils are the right choice for contemporary performance vehicles. Take a look at the facts.

FACT: Unlike conventional motor oils that contain non-essential molecules that do virtually nothing to protect the engine – and contain elements that actually harm it – AMSOIL synthetic motor oils are pure and molecularly uniform. Every single molecule in AMSOIL synthetic motor oils is dedicated to engine lubrication and protection.

FACT: AMSOIL synthetic motor oils exceed the most demanding world-wide performance specifications, meeting warranty requirements for all domestic and imported passenger car and truck engines.

FACT: AMSOIL synthetic motor oils reduce friction more effectively than conventional petroleum motor oils do. Less friction means less engine wear, better fuel economy and improved power and performance.

FACT: AMSOIL synthetic motor oils inhibit the formation of sludge, varnish, acids and other harmful deposits. Engines stay cleaner, perform better and last longer.

FACT: AMSOIL synthetic motor oils do not "burn off" like conventional petroleum motor oils do. AMSOIL synthetic motor oils retain their viscosity, providing reduced oil consumption, improved fuel economy and better wear protection.

FACT: AMSOIL synthetic motor oils remain fluid in the cold temperatures that gel conventional petroleum oils. With AMSOIL synthetic motor oils, engines start easier and are assured immediate start-up protection.

"I just put AMSOIL in my new Toyota at 6000 miles and the mileage jumped three miles per gallon – a 10 percent increase. I can't understand why everyone doesn't use this fantastic product."

– G.D., Chicago, Illinois

AMSOIL Series 2000: UNBEATABLE Protection and Performance

If you want that extra touch – of protection, power and fuel economy – you want AMSOIL Series 2000 synthetic motor oils.

AMSOIL Series 2000 synthetic motor oils' unique chemistry clings tenaciously to metal, forming a super-tough lubricating film that virtually annihilates wear and dramatically increases performance. In protection and performance, AMSOIL Series 2000 lubricants significantly outperform other leading brands (see graphs at right).

Series 2000 Synthetic 20W-50 Racing Oil

Perfect for engines exposed to high ambient temperatures and extraordinary performance demands, Series 2000 Synthetic 20W-50 Racing Oil is the choice of race engine builders across North America for its ability to protect and increase power. Dynamometer testing, performed by independent race engine builders, shows:

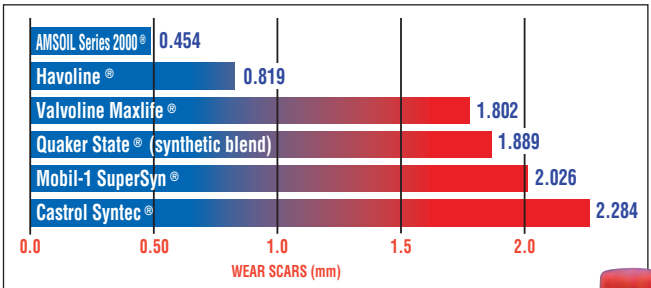
- California: Compared to a popular 10W-50 racing oil, Series 2000 Synthetic 20W-50 Racing Oil provided an average 3.67 increase in horsepower and an average 3.13 foot-pound torque increase.
- North Carolina: Compared to a popular 20W-50 racing oil, Series 2000 Synthetic 20W-50 Racing Oil provided an average 24.6 horsepower increase and an average 21.3 foot-pounds torque increase.
- Arizona: Compared to a different popular 20W-50 racing oil, Series 2000 provided an average 3.97 horsepower increase and an average 3.57 foot-pounds torque increase.

Series 2000 Synthetic 0W-30 Motor Oil

The oil of choice for fuel economy and extreme cold temperature protection, Series 2000 Synthetic 0W-30 Motor Oil has proven its fuel economy benefits in laboratory testing and on-road use.

- Series 2000 Synthetic 0W-30 Motor Oil scored the biggest fuel economy savings ever recorded at the independent test facility where it was tested.
- Motorists report fuel savings ranging from 4 to over 40 percent when they switch to Series 2000 Synthetic 0W-30 Motor Oil.
- Dynamometer testing performed by Dyno-Pro, an independent shop in Illinois, showed that compared to a popular 10W-30 motor oil, Series 2000 Synthetic 0W-30 provided an average 2.22 horsepower increase and an average 2.75 foot-pounds torque increase.

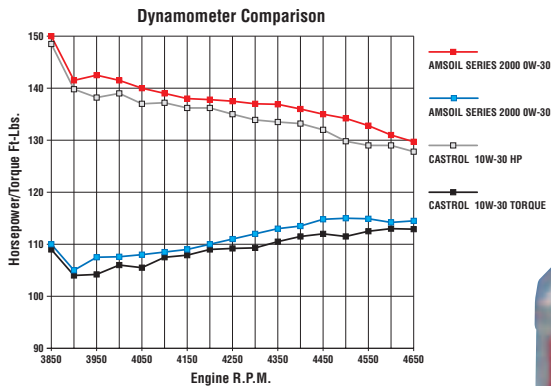
Unbeatable RACING OIL Protection



Four Ball Wear Test (ASTM D4172)
60 kg pressure, 150° C, 1800 rpm, 1 hour duration
As tested by an independent lab in 2003.
Oils tested are SAE 20W-50 except Mobil 1, which is SAE 15W-50

The smaller the wear scar, the better the protection. AMSOIL Series 2000 Synthetic 20W-50 Racing Oil provides up to twice the wear protection as competing oils.

Unbeatable MOTOR OIL Performance



"We noticed a real increase in power. That indicated to me that we had fewer pumping losses and very likely a significant lessening of friction."

Don Mallinson, Dyno-Pro owner

"Using AMSOIL Series 2000 Synthetic 0W-30 Motor Oil in our 8,000 RPM supercharged small block Ford Mustang racing car, adding AMSOIL Supershift Synthetic Transmission Fluid and the Series 2000 75W-90 Synthetic Gear Lube, our only problem became how to keep our front wheels on the ground. We had our best racing season yet."

– Scott Lovell, Swill Racing Inc. Naperville, IL

"AMSOIL Proves Superior"

AMSOIL Dealer Dave Bigda, owner of Dynamic Auto of Elk Grove Village, Illinois, installs Carroll Superchargers that add about 150 HP to a stock Calloway Corvette engine. Dynamic Auto installs AMSOIL 100% Synthetic10W-30, ATF, and 80W-90 Gear Lube in all of the vehicles they put Carroll Superchargers into.

The Carroll Supercharger turns a typical 285 HP Corvette engine that normally runs at 4200 RPM into a monster that runs at 3500 RPM and delivers **435 HP**. The supercharger makes these high-performance cars 25-45 mph faster, and as *Vette Magazine* said, the added horsepower "makes other Corvette drivers out there wonder if their new Vettes are pulling a trailer!"

The Carroll Supercharger adds about 6.5 pounds of boost pressure to an engine which creates much greater temperatures and slightly higher rates of oil blow-by (oil blowing by the piston). This makes the choice of a high-quality engine oil a necessity.

Originally, Greg Carroll, the creator of the supercharger, specified Mobil 1® as the only lubricant to use in the engine. He wanted to stress the importance of using synthetic oil in this high-powered dynamo to such an extent that he installed a small metal decal on the top of the engine informing customers to use only Mobil 1®.

He hadn't heard of AMSOIL yet. After Dave sent a sample of AMSOIL to Mr. Carroll, that decal came off. According to Dave, Carroll felt that AMSOIL was superior to Mobil 1® in protecting engines and drivetrain components. In other words, it's the best oil he's seen.

AMSOIL Filters

Super Duty Oil Filters

AMSOIL Super Duty Oil Filters (SDF) are composed of a special cellulose, synthetic and glass blend media to provide longer life and improved efficiency. Performance tests demonstrated that AMSOIL SDF Filters provide over 75 percent better combined efficiency/capacity than other popular oil filters.

Reusable Foam Air Filters

AMSOIL Reusable Foam Air Filters improve performance and fuel efficiency by trapping more dirt and allowing better air flow. Wash with soap and water, dry and reapply Foam Filter Oil for years of trouble-free miles.

AMSOIL By-Pass Oil Filters

Sixty percent of engine wear is caused by dirt particles between five and 20 microns, but most full-flow oil filters are capable only of removing coarser particles. The AMSOIL By-Pass Oil Filter effectively removes particles down to less than one micron, virtually eliminating engine wear.

Hastings Filters

AMSOIL also offers Hastings filters to complement the AMSOIL filter line and meet virtually every transportation and equipment need. Hastings delivers a superior line of filter coverage, including air, oil, fuel, hydraulic, coolant, transmission and crankcase breathers.

AMSOIL products and Dealership information are available from your local AMSOIL Dealer.

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