



*The First in Synthetics®*

# High-Performance Products for High-Performance Vehicles

*Advanced  
Technology*



# AMSOIL Provides Ultimate Protection For High-Performance Vehicles

The last 30 years have brought many changes and advancements in the automotive world. Much smaller engines are producing speeds 50 percent faster than their predecessors. Modern engines burn leaner, run hotter, have higher compressions and use smaller radiators and oil sumps. This demand for more power and performance out of significantly smaller engines has created the need for an oil that will perform as well as today's cars. OEM-recommended oil drain intervals have increased as much as 300 percent, adding even more strain on oil. AMSOIL has been on the forefront of lubrication technology for over 37 years, developing products that have changed the industry. As **The First in Synthetics**<sup>®</sup>, AMSOIL continually strives to produce the best high-performance lubricants and filters available. AMSOIL synthetic motor oils are designed to provide better protection, performance and fuel economy than competitors' oils. The unique chemistry of AMSOIL synthetic motor oils clings tenaciously to metal, forming a super-tough lubricating film that virtually annihilates wear and can dramatically increase performance. AMSOIL synthetic motor oils are lab-tested and race-proven to deliver superior lubrication performance. AMSOIL synthetic motor oils are the right choice for contemporary high-performance vehicles. Take a look at the facts.

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

**FACT:** AMSOIL synthetic motor oils are formulated to exceed the most demanding worldwide performance specifications, and are recommended 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.



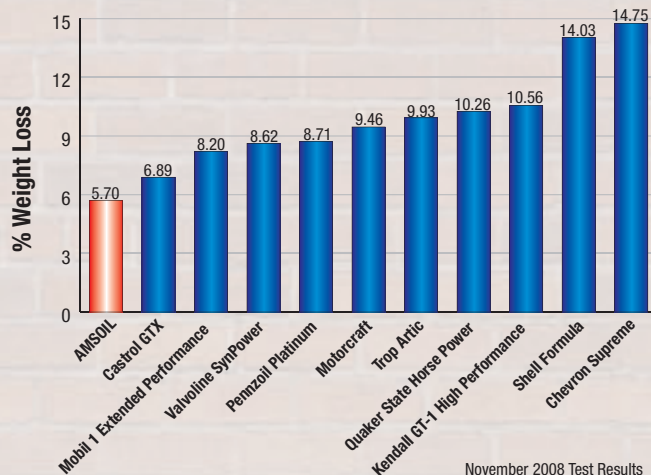
Less friction means less engine wear, better fuel economy and improved power and performance.

**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 startup protection.

## NOACK Volatility (ASTM D-5800)

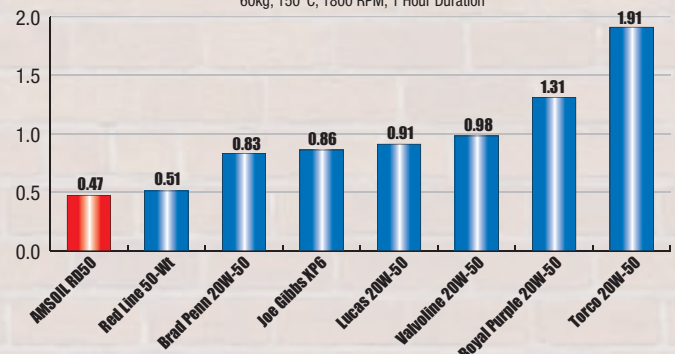


November 2008 Test Results

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 motor oil outperformed its nearest competitor by more than 30 percent.

## Four-Ball Wear Test (ASTM D-4172)

60kg, 150°C, 1800 RPM, 1 Hour Duration



As tested by an independent lab in June 2008.

*The smaller the wear scar, the better the protection.*



# AMSOIL Synthetic Lubricants and AMSOIL Ea Filters

## World-Class Protection and Performance



### Dominator® Synthetic Racing Oils

AMSOIL Dominator® Synthetic Racing Oils (RD20, RD30, RD50) provide superior performance and maximum protection in high-performance and racing applications. Formulated to withstand the elevated RPM, high temperatures and shock-loading common to racing applications, Dominator Synthetic Racing Oils deliver superior performance and maximum protection in extreme conditions. Their shear-stable formulation was engineered to provide maximum horsepower without sacrificing engine protection. Dominator Synthetic Racing Oils provide straight-grade protection in a multi-grade formulation. Available in 5W-20, 10W-30 and 15W-50 viscosities.

### Signature Series Synthetic 0W-30 Motor Oil

AMSOIL Signature Series Synthetic 0W-30 Motor Oil (SSO) is designed for those who demand the absolute best in motor oil performance. Signature Series Motor Oil features an exclusive extended-drain formulation that delivers superior engine protection and maximum fuel efficiency. This premium product is engineered to bring out the best in high-performance vehicles while maintaining a level of protection unattainable by conventional motor oils. AMSOIL Signature Series Synthetic Motor Oil replaces other 0W-30, 5W-30 and 10W-30 motor oils and exceeds the requirements of modern, high-performance engines and older engines.



SSO

### AMSOIL Ea Air Filters

AMSOIL Ea Air Filters (EaA) incorporate nanofiber technology which had previously been used exclusively in severe and heavy-duty applications. AMSOIL Ea Filters are more efficient and have greater capacity than cellulose and wet gauze filters, effectively extending engine and filter life and reducing engine wear. AMSOIL provides superior Ea technology in filters specially designed for high-performance applications.

### Ea Universal Air Induction Filters

AMSOIL Ea Air Induction Filters (EaAU) fit most popular air intake systems on the market, providing improved cold air intake and excellent efficiency for superior engine protection and performance. Ea Air Induction Filters are cleanable and remain serviceable for long filter life, saving money on filter costs.

### Ea Racing Air Filters

Specially designed for carbureted racing and street rod applications, AMSOIL Ea Racing Air Filters (EaAR) are composed of advanced nanofiber media for higher dirt-holding capacity and lower pressure drop compared to traditional filter media. They provide greater air flow and efficiency than other assemblies of this type. EaAR Filters are cleanable and remain serviceable for long filter life.

### Ea Pre-Filters

Constructed of woven mesh and designed for racing and off-road applications, AMSOIL Ea Pre-Filters (EaPF) fit over the top of AMSOIL EaAR and EaAU Filters, preventing large particles from sticking to them and blocking the flow of air. Easily removed and shaken free of debris in seconds. Ea Pre-Filters are cleanable and remain serviceable for up to one year.

### Injen/AMSOIL Cold Air Intakes

Injen/AMSOIL Cold Air Intakes increase the amount of oxygen available to the engine, increasing power. Because cool air has a greater density than hot air, Injen/AMSOIL Intake Systems improve combustion of the fuel by capturing cooler air from the outside of the engine compartment. Injen/AMSOIL Air Intake Systems can also improve fuel efficiency and feature specially-constructed Ea Air Filters for maximum filtration performance.



# Race-Proven Technology



SVG

## Severe Gear® Extreme Pressure Gear Lube

Specifically engineered for high-demand applications, Severe Gear Synthetic Gear Lubes provide unmatched protection for trailer towing, heavy hauling, 4x4 off-road driving, commercial use and racing applications. Superior lube film strength combined with extra additives protects gears and bearings from scoring and wear. AMSOIL Severe Gear Synthetic Gear Lubes resist high heat and possess excellent cold-flow properties. For an in-depth analysis of gear lube performance, refer to the AMSOIL *A Study of Automotive Gear Lubes* white paper (G2457).

## Super Shift® Racing Transmission Fluid

Specially formulated for high horsepower and torque conditions, AMSOIL Super Shift Racing Transmission Fluid (ART) provides quick, solid shifts. Automatic transmissions do not slip, helping racers improve on elapsed times. Super Shift delivers superior friction reduction and reduced wear so clutch plates and transmissions last longer. It provides maximum torque transfer and brake power while resisting oxidation and thermal breakdown.



ART

## Series 2000 Synthetic Racing Grease

AMSOIL Series 2000 Synthetic Racing Grease (GRG) provides superior protection for wheel bearings and other components operating in high-temperature/high-speed conditions. It reduces friction and wear for improved performance.



AOB



GRG

## Series 2000 Octane Boost

AMSOIL Series 2000 Octane Boost (AOB) improves the performance of all two-cycle and four-cycle gasoline-fueled engines. AMSOIL Octane Boost maximizes power, reduces engine knock and improves ignition and engine response. It helps fuel burn cleaner, removes carbon deposits and inhibits corrosion. Octane Boost is excellent as a lead substitute at the same treat rates in collector automobiles, older off-road equipment and pleasure vehicles.

## Series 600 High-Performance Racing DOT 4 Brake Fluid

AMSOIL Series 600 High-Performance Racing DOT 4 Brake Fluid (BF4) provides superior performance in auto/light truck, high-performance, racing and power-sports applications. It maintains stable viscosities over a wide temperature range. Series 600 Racing Brake Fluid features a superior additive package that raises boiling points to more than 232°C (450°F). Water is kept in suspension, slowing its effects on braking systems.



AOB



# Synthetic 5W-40 European Motor Oil

Specially formulated for the lubrication needs of European gasoline and diesel cars and light trucks including VW 505.01, Mercedes-Benz 229.51 and BMW LL-04. Blended with advanced AMSOIL synthetic base stocks, premium additives and a broad 5W-40 viscosity rating, allowing motorists to take advantage of the maximum extended drain intervals recommended by European automakers while providing exceptional protection and performance.



AFL

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

