



The First in Synthetics®

Diesel **Power**



*Providing maximum protection for
diesel cars, pickups and sport utility vehicles*

Motor Oil

You can't buy better protection for your hard-working diesel truck than AMSOIL synthetic motor oil. Whether you want the fuel economy benefits and ultra-cold temperature protection of a diesel-formulated 5W-30 or the tried-and-true protection of a 15W-40, you just can't beat AMSOIL synthetic motor oils.

AMSOIL Series 3000 Synthetic 5W-30 Heavy Duty Diesel Oil

In a head-to-head comparison, Series 3000 provided better wear protection than Delvac 1, Delo 400, Rotella T, and Valvoline Premium Blue. Independent laboratory testing shows up to 40 percent less wear with Series 3000 than with the other oils tested.



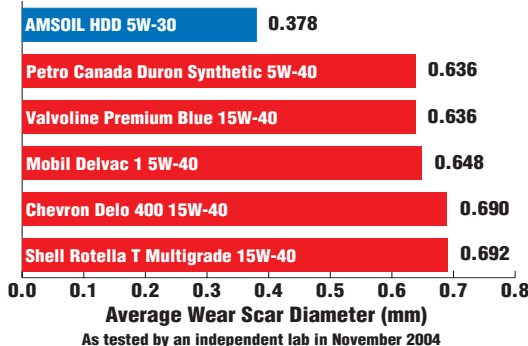
HDD

AMSOIL Series 3000 100% Synthetic 5W-30 Diesel Oil (HDD) delivers extraordinary lubrication in both diesel and gasoline engines found in commercial, fleet and personal vehicles. By combining the industry's premier synthetic technology with AMSOIL premium additives, AMSOIL HDD exceeds the higher performance demands of modern engines. It withstands the stress of higher heat, higher acid levels and excessive soot loading found in EGR equipped engines. AMSOIL Series 3000 Synthetic 5W-30 Diesel Oil consistently outperforms conventional and synthetic diesel oils for long-lasting performance and protection.

Four Ball Wear Test

(ASTM D-4172B)

40 kg pressure @ 150° C, 1800 rpm for 1 hour duration

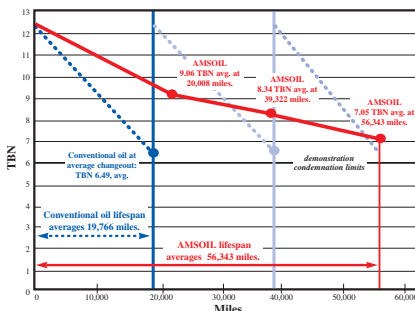


AMSOIL 15W-40 Oils

AMSOIL Synthetic Heavy-Duty Diesel and Marine 15W-40 Motor Oil (AME) and AMSOIL Synthetic Blend 15W-40 Motor Oil (PCO) have been put to the test over millions of miles in heavy-duty trucks.

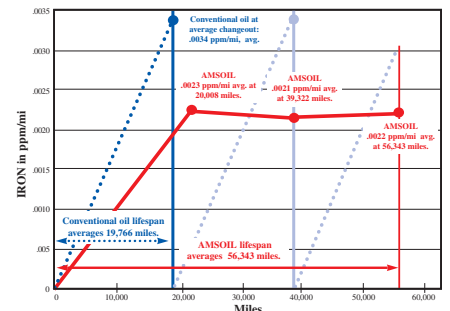
They are proven to provide unsurpassed engine protection, even when they are used much longer than conventional diesel oils are used.

Numerous tests have proven that AMSOIL maintains its protective TBN and viscosity while petroleum products rapidly lose both. More to the point, AMSOIL keeps engine wear rates low, an important factor in ensuring long engine life.



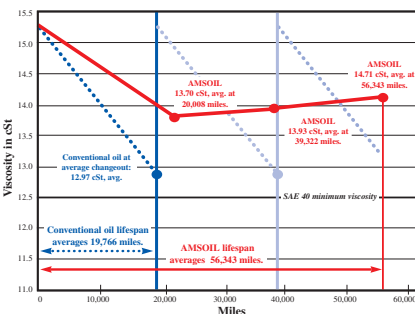
AMSOIL: steady acid control

Class 8 Kenworth T600 tractors with Series 60 Detroit Diesel engines. Conventional oil changes: 20,000 miles. Oil changes extended to 56,343 mile (average) with AMSOIL.



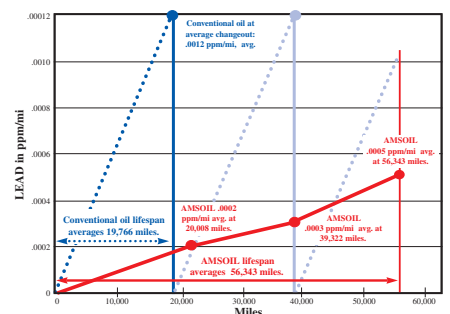
AMSOIL: minimal cylinder, crankshaft wear

Class 8 Kenworth T600 tractors with Series 60 Detroit Diesel engines. Conventional oil changes: 20,000 miles. Oil changes extended to 56,343 mile (average) with AMSOIL.



AMSOIL: steady viscosity

Class 8 Kenworth T600 tractors with Series 60 Detroit Diesel engines. Conventional oil changes: 20,000 miles. Oil changes extended to 56,343 mile (average) with AMSOIL.



AMSOIL: minimal bearing wear

Class 8 Kenworth T600 tractors with Series 60 Detroit Diesel engines. Conventional oil changes: 20,000 miles. Oil changes extended to 56,343 mile (average) with AMSOIL.

Synthetic Automotive Greases

AMSOIL synthetic automotive greases are extreme pressure fortified NLGI #2 GC/LB products. Each offers outstanding wear and extreme pressure protection, load carrying capacity, friction reduction, low temperature pumpability, thermal stability, storage stability, oxidation inhibition, rust and corrosion inhibition, water washout resistance and extended service life.

AMSOIL Series 2000 Synthetic Racing Grease (GRG) is formulated for high-temperature/high-speed applications, such as wheel bearings. Yet, its outstanding load-bearing capacity suits it for use in low-speed bearings, such as heavy duty steering knuckles. Series 2000 Synthetic Racing Grease offers the load-bearing capacity of a heavy-duty grease without sacrificing the high-temperature protection of a multi-purpose.

AMSOIL Synthetic Multi-Purpose Grease (GLC) is formulated high-speed/high-temperature applications, such as wheel bearings. AMSOIL Synthetic Multi-Purpose Grease is also available in a handy spray formulation. (GLC-SC)

AMSOIL Synthetic Heavy Duty Grease (GHD) is formulated for low-speed/high-load applications, such as heavy-duty steering knuckles. It is a “moly” fortified grease to handle extreme load situations.

AMSOIL Synthetic Water Resistant Grease (GWR) is formulated for applications with frequent water exposure, such as boat trailer and tow vehicle wheel bearings. Testing shows AMSOIL Synthetic Water Resistant



Grease loses 47 percent less mass to water sprayoff and 43 percent less mass to water washout than conventional greases do.

Transmission Fluid and Gear Lubes

AMSOIL Synthetic Automatic Transmission Fluid and Gear Lubes deliver maximum power and fully protect hard-working drivetrains. Synthetics deliver maximum power because their molecular structure is designed to reduce friction, a big power-eater. They protect best, even in temperatures that gel or fry conventional lubes. Protection in extreme temperatures is critical, given the incredible drivetrain heat generated by heavy-load operations and the temperature extremes in which diesels often work.

AMSOIL Transmission Fluid and gear lubes provide easy, dependable cold-temperature shiftability in a fraction

of the time required by conventional fluids. They actually reduce high lube temperatures to optimal levels, and outlast ordinary transmission fluids and lubes.

AMSOIL SEVERE GEAR Synthetic EP Gear Lubes are specifically engineered for high demand applications. Superior film strength combined with extra additives protects gears and bearings from scoring and wear. SEVERE GEAR resists high heat and has excellent cold flow properties.



Additional Products for Diesel Vehicles

Filters

AMSOIL Ea Oil Filters

AMSOIL Ea Oil (EaO) Filters have the best efficiency rating in the industry. EaO Filters provide a filtering efficiency in accordance with industry standard ISO 4548-12 of 98.7 percent at 15 microns and 50 percent at 7 microns. EaO Filters are guaranteed for 25,000 miles or one year, whichever comes first.



AMSOIL Ea Air Filters

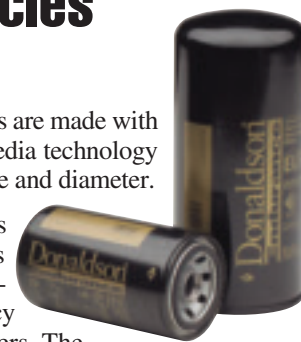
AMSOIL Ea Air Filters (EaA) are the most efficient filters available to the car/light truck market. Ea Air Filters' synthetic nanofiber media removes 5 times more dust than traditional cellulose filter media alone and 50 times more dust than wet gauze filter media. AMSOIL Ea Air Filters have a service life of 100,000 miles or four years, whichever comes first.



Donaldson Filters

Donaldson Endurance™ oil filters are made with premium advanced synthetic media technology controlling the fibers' size, shape and diameter.

The controlled media allows Donaldson Endurance™ oil filters to deliver both higher dirt holding capacity and higher efficiency than conventional cellulose filters. The synthetic media also has better durability with usage.



Donaldson Endurance™ oil filters offer extended service intervals, greater engine protection to prolong engine and equipment life, improved lubricant flow, improved cold start performance and lower operating costs.



WIX Filters

AMSOIL offers WIX filtration products as a supplement to the AMSOIL Ea line of filters. WIX is one of the most recognized names in filtration, and produces some of the best filters in the world. AMSOIL carries WIX oil, air, transmission, cabin air, fuel and racing filters.

Fuel Additives

Diesel fuel quality varies. Bad fuel fouls injectors, accelerates injector pump wear, makes for rough running, impedes starting and causes cold temperature stalling.

You can't be certain of the quality you're getting at the pump. With AMSOIL diesel fuel additives, however, you can be certain that the fuel in your tank is the best it can be.

AMSOIL Diesel Concentrate

AMSOIL Diesel Concentrate (ADF) is a total system cleaner and lubricity improver for all types of diesel engines. AMSOIL Diesel Concentrate compensates for the quality variances of different fuels (including biodiesels) and the deficiencies of today's Ultra Low Sulfur Diesel fuel for better engine operation. It reduces cylinder wear, retains TBN longer, minimizes soot loading and acts as a fuel stabilizer. AMSOIL Diesel Concentrate restores horsepower to like new levels and improves fuel economy by up to five percent.



ADF

AMSOIL Cetane Boost

North American diesel fuel is notoriously cetane-deficient. Often, the performance problems drivers blame on their diesel engines, like rough running and a lack of power, are actually caused by cetane-deficient diesel fuel.

While rough running and low power are no picnic for the driver, they're a nightmare for the engine. Instead of igniting smoothly, low cetane fuel explodes, sending shock waves through the combustion chamber and throughout the engine.

AMSOIL Cetane Boost (ACB) (for use in all diesel engines) raises cetane three to seven numbers, helping engines start dependably and run smoothly and powerfully – just the way diesels should run.

AMSOIL diesel fuel additives are alcohol-free for seal protection. AMSOIL diesel fuel additives may be mixed during fueling.



ACB

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

Performance Oil Technology, L.L.C.
Dave Mann- Lubrication Specialist - Truck/Automotive Engineer
dave@performanceoiltechnology.com
www.performanceoiltechnology.com
1-888-879-1362

AMSOIL INC., AMSOIL Bldg., Superior, WI 54880-1527
(715) 392-7101 FAX: 715-392-5225 or 715-392-5267 Printed in U.S.A. © Copyright 2006

