

Farm



**SYNTHETIC
DIESEL OILS**



**SYNTHETIC
HYDRAULIC FLUIDS**



**FUEL
ADDITIVES**

AMSOIL®

The First in Synthetics®

AMSOIL synthetic lubricants provide excellent protection and performance in all types of farm equipment.

AMSOIL Drivetrain Fluids

Premium synthetic drivetrain lubricants reduce wear, extend service life and maximize fuel economy.

Synthetic Transmission Fluids

AMSOIL synthetic transmission fluids withstand the rigors of high-torque, heavily loaded tractors and other equipment. They maintain viscosity for reduced gear and bearing wear, helping increase equipment life. Their synthetic formulations resist oxidation, varnish formation and sludge build-up to provide superior cooling and protection.

Synthetic Gear Lubes

AMSOIL synthetic gear lubes feature naturally high film strength and premium additives that help shield gears from metal-to-metal contact for maximum wear control. Their low-friction formulations promote increased fuel efficiency and are designed to provide long oil, seal and equipment life.

Synthetic Greases

AMSOIL synthetic greases are engineered to remain in place better than conventional greases to provide reliable protection. They feature exceptional adhesion properties and superior friction-reduction abilities for long equipment life.



AMSOIL Synthetic Hydraulic/ Transmission Oil



Qualifies as a
Universal Tractor
Transmission Oil
(UTTO)

AMSOIL Synthetic Tractor Hydraulic/Transmission Oil is sufficiently robust to protect heavily loaded transmissions and certain wet-brake ATV differentials, yet flows readily to provide dependable, smooth operation in hydraulic systems. Its all-weather formulation reduces the need for seasonal oil changes by resisting high-temperature breakdown during long summer hours and by remaining fluid in sub-zero winter conditions. Synthetic Tractor Hydraulic/Transmission Oil resists corrosion, limits wear and promotes increased energy efficiency.



AMSOIL Synthetic Hydraulic Fluids

Superior synthetic hydraulic fluids provide outstanding all-season performance.

Increased Protection

AMSOIL synthetic hydraulic fluids are formulated to resist high-temperature breakdown, helping to keep hoses, valves and pumps clean and operating properly. They remain fluid in sub-zero temperatures to limit pressure spikes, unresponsiveness and other problems inherent to inferior fluids. AMSOIL synthetic hydraulic fluids are designed to withstand the stresses of high-load, high-pressure operation and inhibit foam, corrosion and deposits for long equipment life.



AMSOIL Synthetic Anti-Wear Hydraulic Oil contains anti-wear additives and rust inhibitors to provide optimum protection for expensive equipment.

AMSOIL Synthetic Biodegradable Hydraulic Oil is designed to biodegrade to its natural state when subjected to sunlight, water and microbial activity. Replaces either ISO 32 or ISO 46 hydraulic fluids.



Heavy-Duty Air, Oil & By-Pass Filtration

Premium air, oil and by-pass filtration saves farmers money through better protection and extended service life.

Engine Protection

AMSOIL Ea® filters and Donaldson® Endurance™ filters trap a higher percentage of smaller wear particles than competitive filters to provide increased engine protection. High-efficiency air and oil filtration combined with ultra-fine by-pass filtration and oil analysis can substantially increase equipment life and reduce maintenance costs.



Extended Service Life

When used with AMSOIL synthetic diesel oils, Ea and Endurance oil filters are guaranteed effective for up to twice the duration of original equipment manufacturer recommendations, while Endurance air filters last twice as long as conventional cellulose filters. The addition of an AMSOIL by-pass filtration system and an oil analysis program can extend drain intervals. AMSOIL heavy-duty filtration products provide maximum convenience and cost savings.



How does **AMSOIL** Compare to Other Brands?

Maximum Shear Stability

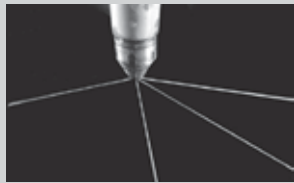
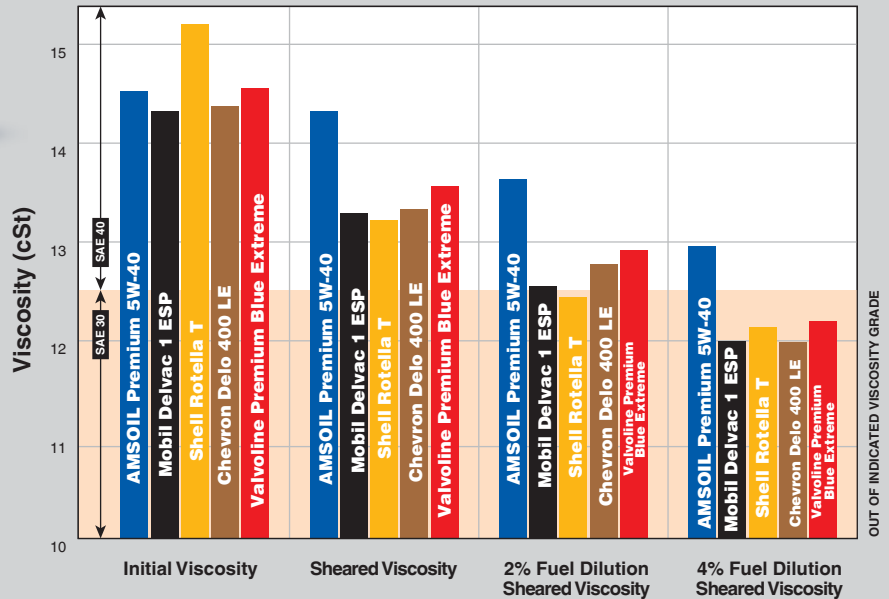
The severe environments found inside diesel engines can tear apart, or shear, the molecular structure of oil, leading to viscosity loss. Making matters worse, moderate levels of fuel dilution common in some applications impair an oil's ability to resist shear. Four percent fuel dilution is often enough to reduce an oil's sheared viscosity to less than its specified viscosity grade, leading to metal-to-metal contact and accelerated equipment wear.



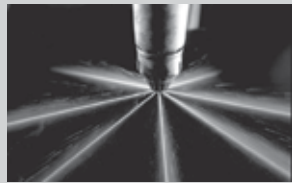
AMSOIL doubled the standard Kurt Orbahn 90-cycle test (ASTM D-6278) used to test shear stability and had the oils tested for 180 cycles. Samples were then contaminated with 2 and 4 percent ultra-low-sulfur diesel fuel (ULSD). Even at 4 percent fuel dilution, AMSOIL Premium API CJ-4 Synthetic Diesel Oil stayed in grade to maintain engine protection while the other oils failed.

Kurt Orbahn Shear Stability Test 180 Cycles

As tested in an independent lab November 2009. All oils 5W-40.



Dirty Fuel Injector Spray Pattern



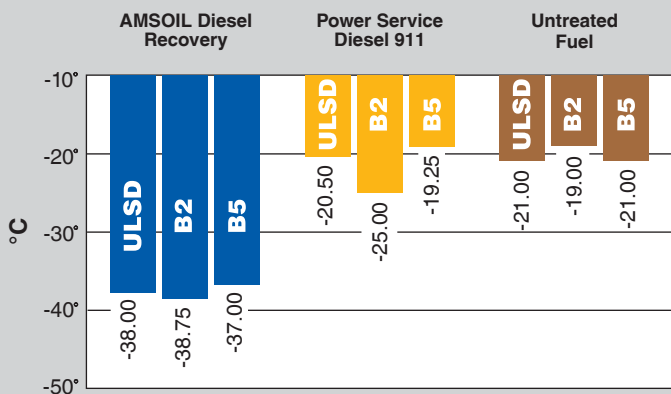
Clean Fuel Injector Spray Pattern

Restored Horsepower and Fuel Economy

By cleaning dirty injectors, AMSOIL Diesel Concentrate helps ensure an even spray pattern for improved fuel economy up to 5 percent, as tested with the Cummins L10 Injector Deposit test. Regular use enhances engine performance by keeping injectors clean, resulting in better fuel economy and restored horsepower.



Cold Filter-Plugging Point (CFPP)



As tested in an independent lab July 2009

ULSD = Ultra-Low-Sulfur Diesel, B2 = 2% Biodiesel, B5 = 5% Biodiesel

Cold-Weather Superiority

When diesel fuel surpasses its cold filter-plugging point (CFPP), the wax crystals that form clog the fuel filter and starve the engine of fuel, preventing it from starting. AMSOIL Diesel Recovery lowers the CFPP of diesel fuel better than the competing brand. It quickly and effectively dissolves the wax crystals that have formed in untreated fuel to get equipment moving again, making it a necessity for farmers in cold climates.



AMSOIL Synthetic Diesel Oils

AMSOIL introduced the world's first synthetic motor oil for diesel engines in 1975 and dramatically redefined the performance and protection available to farmers. Today, AMSOIL is the recognized leader in synthetic lubricant technology and offers a variety of exclusive synthetic diesel oil formulations, each tailored to meet the unique demands of hard-working farm equipment.

Protection and Performance

AMSOIL synthetic diesel oils reduce friction and wear, helping hard-working diesel engines perform better and last longer. They resist high-temperature breakdown to help prevent harmful deposits from forming, while remaining fluid in sub-zero temperatures for easier cold starts and faster circulation compared to conventional oils.

Maximum Fuel Economy

AMSOIL synthetic diesel oils' advanced lubricity (slipperiness) results not only in enhanced performance and protection, but optimum fuel efficiency as well. With less resistance to internal moving parts, engines are able to operate at peak efficiency and deliver maximum fuel economy.

Extended Drain Intervals

AMSOIL coined the phrase "extended drain interval" nearly 40 years ago. Advanced chemistries allow extended-drain AMSOIL synthetic diesel oils to remain effective up to three times longer than original equipment manufacturer (OEM) recommendations. Farmers benefit significantly through reduced oil costs and increased convenience due to fewer oil changes and less used oil disposal.



AMSOIL Premium API CJ-4 Synthetic Diesel Oil

- The premium choice for model-year 2007 and newer diesel engines requiring API CJ-4 oils
- Compatible with all exhaust treatment devices



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

- Advanced fuel-efficient formula
- Delivers increased wear protection compared to other popular diesel oils



AMSOIL OE 15W-40 Synthetic Diesel Motor Oil

- Provides excellent performance and protection for the duration of OEM-recommended drain intervals
- Suitable for applications requiring API CJ-4 oils



AMSOIL 10W-30/SAE 30 Synthetic Diesel Motor Oil

- Exceeds both 10W-30 and SAE 30 viscosity requirements
- Excellent for both heavy equipment and personal vehicles



AMSOIL 15W-40 Synthetic Heavy Duty Diesel Marine Oil

- Formulated with a high 12 Total Base Number to provide extended drain intervals
- Engineered for all on- and off-road diesel applications not equipped with diesel particulate filters (DPFs)



AMSOIL Diesel Fuel Additives & Engine Coolant



AMSOIL Cetane Boost

Improves combustion efficiency to increase power in diesel engines. Raises cetane up to seven numbers.

AMSOIL Cold Flow Improver

Helps prevent icing or gelling in fuel. Reduces cold filter-plugging point as much as 34°F.

AMSOIL Diesel Concentrate

Cleans fuel system components, increasing fuel economy by up to 5 percent.

AMSOIL Diesel Concentrate Plus Cold Flow Improver

Reduces cold filter-plugging point while maximizing fuel economy in one convenient package.

AMSOIL Diesel Recovery

Quickly liquefies gelled diesel fuel, thaws frozen fuel filters and reduces the need for a new filter.

AMSOIL Antifreeze & Engine Coolant

Surpasses standards for metallic corrosion and provides superior cooling and protection.



Contact your AMSOIL Dealer for more information on AMSOIL products or to place an order. You may also order direct by calling AMSOIL INC. at 1-800-956-5695 and providing the referral number listed here. ▼

Referral # _____