

## 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 common to heavily loaded tractors and other equipment. They maintain viscosity for reduced 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 Hydraulic/Transmission Oil

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 remaining fluid in sub-zero winter conditions. Synthetic Tractor Hydraulic/Transmission Oil resists corrosion, limits wear and promotes increased energy efficiency.

Qualifies as a Universal Tractor Transmission Oil (UTTO)



## AMSOIL Diesel Fuel Additives & Engine Coolant



### AMSOIL Diesel Cetane Boost

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

### AMSOIL Diesel Injector Clean

Cleans fuel system components, while providing the lubrication fuel systems need for wear protection.

### AMSOIL Diesel Recovery

Quickly liquefies gelled diesel fuel, thaws frozen fuel filters and gets you back up and running quickly.

### AMSOIL Diesel Cold Flow

Modifies wax crystal formation at low temperatures, helping prevent icing or gelling in fuel.

### AMSOIL Diesel Injector Clean + Cold Flow

Reduces cold filter-plugging point while cleaning and protecting fuel systems in one convenient package.

### AMSOIL Propylene Glycol Antifreeze & Coolant

Safer for crops and livestock than ethylene-glycol products. Surpasses standards for metallic corrosion and provides superior cooling and protection.

### Heavy-Duty Antifreeze & Coolant

Superior protection up to 600,000 miles, 12,000 hours or 6 years, whichever comes first.



The First in Synthetics®

Jeff Fisher  
866-292-4700  
www.SyntheticOils.us

Contact your local full-service 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 # 1393814

## Agriculture



SYNTHETIC DIESEL OILS

SYNTHETIC HYDRAULIC FLUIDS

FUEL ADDITIVES



The First in Synthetics®

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

## AMSOIL Synthetic Diesel Oils

As a farmer or rancher, you're constantly challenged to find ways to maximize productivity while maintaining, or even lowering, operating costs. Meanwhile, equipment, parts and fuel expenses continually rise. It's especially challenging considering the extreme operating conditions your equipment endures. Hot operating temperatures and heavy loads take their toll on conventional lubricants, reducing their ability to adequately protect critical components and leading to expensive repairs and downtime that can put you behind schedule and seriously hinder your cost-reduction efforts. AMSOIL synthetic lubricants incorporate advanced synthetic technology designed to provide unmatched protection, performance and reliability in the extreme conditions encountered by your equipment, while supporting your efforts to reduce costs and control unexpected repairs and downtime. AMSOIL offers a variety of exclusive synthetic diesel oil formulations, each tailored to meet the unique demands of hard-working agricultural equipment.

### Protection and Performance

AMSOIL synthetic diesel oils reduce friction and wear, helping hard-working diesel engines perform better and last longer.

### Reduced Oil Consumption

AMSOIL synthetic diesel oils feature thermally stable formulations that naturally resist oil consumption, helping reduce frequent top-offs.

### Extended Drain Intervals

Advanced chemistries allow extended-drain AMSOIL synthetic diesel oils to remain effective longer than original equipment manufacturer (OEM) recommendations, reducing oil costs and maximizing convenience due to fewer oil changes, less downtime and less used oil disposal.



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

- Advanced fuel-efficient formula
- Delivers excellent wear protection



#### 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 Premium 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
- Available in 5W-40 and 15W-40 formulations



#### AMSOIL OE Synthetic Diesel Oil

- Provides excellent performance and protection for the duration of OEM-recommended drain intervals
- Suitable for all applications, including those requiring API CJ-4 oils
- Available in 10W-30 and 15W-40 formulations



## 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.

## Biodegradable Hydraulic Oil

AMSOIL Biodegradable Hydraulic Oil is designed to biodegrade when subjected to sunlight, water and microbial activity. It provides low aquatic toxicity and meets the U.S. federal bio-based procurement guidelines as defined in section 9002 of The Farm Security and Rural Investment Act of 2002 (FSRIA).

## Heavy-Duty Oil & By-Pass Filtration

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

### Maximum Protection & Service Life

Ea® Heavy-Duty Extended-Life Oil Filters feature full-synthetic media with an average filtering efficiency of 98.7 percent at 20 microns. They trap a larger percentage of small, wear-causing particles than less-efficient cellulose filters for maximum engine protection. They provide extended service intervals that coincide with the maximum drain intervals of AMSOIL synthetic motor oils and cost less than competitive extended-service oil filters.

### By-Pass Filtration

AMSOIL By-Pass Oil Filters help reduce engine wear by providing a filtering efficiency of 98.7 percent at two microns, nearly eliminating wear-causing particles. Paired with oil analysis, AMSOIL by-pass filtration systems help extend equipment life, reduce operating costs and allow you to spend more time on other parts of your business.

AMSOIL also carries Donaldson® air and oil filters to complement the AMSOIL Ea Filter line.



## AMSOIL Synthetic Greases

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

## How do AMSOIL Products Perform?

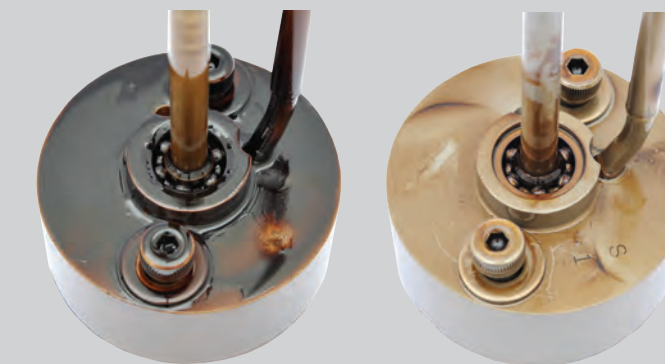
### Maximum Hydraulic System Protection & Performance

Hard-working hydraulic systems can generate elevated heat, causing conventional fluids to oxidize. Degraded hydraulic fluid results in harmful deposits and varnish that cause a host of problems, including stuck valves and decreased efficiency. In severe oxidation testing, AMSOIL Multi-Viscosity Synthetic Hydraulic Oil resisted elevated heat and oxidation more effectively than the conventional fluid.

Strong wear protection is equally critical to long hydraulic system life. After 608 hours of strenuous hydraulic pump testing, the piston shoes demonstrated only moderate polishing and trace, random scratches, proving AMSOIL Multi-Viscosity Synthetic Hydraulic Oil excels at protecting yellow metals. The vane pump cam ring exhibited only light polishing and trace scratching, further confirming the excellent wear protection provided by the oil.

#### Aluminum Beaker Oxidation Test

Tested April 2012

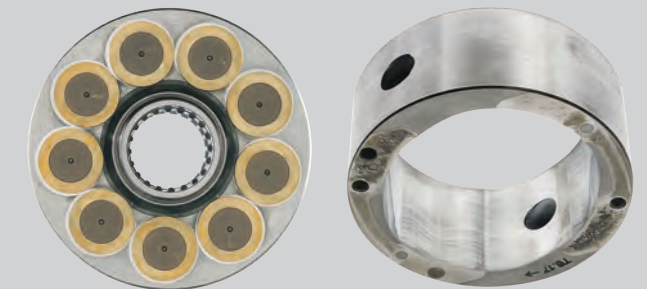


LEADING CONVENTIONAL HYDRAULIC FLUID (ISO 46)

AMSOIL MULTI-VISCOSITY SYNTHETIC HYDRAULIC OIL (ISO 46)

#### Hydraulic Pump Wear Testing

Tested April 2012



YELLOW METAL PISTON SHOES

VANE PUMP CAM RING

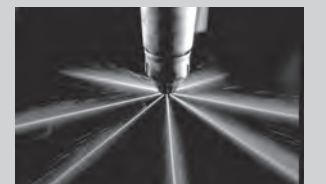


### Restored Horsepower and Fuel System Protection

AMSOIL Diesel Injector Clean's superior detergency properties clean dirty injectors and combustion chambers, helping ensure an even spray pattern for maximum combustion efficiency and power. Over time, diesel engines lose efficiency as fuel injector and combustion chamber deposits cause incomplete combustion and poor fuel economy. Diesel Injector Clean effectively cleans hard-to-remove deposits in all diesel engines, including high-pressure common-rail designs, improving overall engine efficiency. In addition to its cleaning properties, Diesel Injector Clean provides the lubrication that fuel systems need to protect them from the increased levels of wear associated with Ultra Low Sulfur Diesel (ULSD).



Dirty Fuel Injector Spray Pattern



Clean Fuel Injector Spray Pattern