

When The Going Gets Tough

The Tough Go Further

**ADVANCED  
TECHNOLOGY**

**PROVEN  
PERFORMANCE**

**ON-ROAD, OFF-ROAD,  
AND INDUSTRIAL**

**OUR FULL LINE OF  
PRODUCTS HAS  
YOU COVERED**

Your Challenges. Our Solutions.



**Lubricants**



Fuels | Lubricants | Knowledge | Service

# SUPREX GOLD® ESP ENGINE OIL

# COOLANTS/ANTIFREEZE



## Suprex Gold ESP Full Synthetic 5W-40

API CK-4/SN

Outstanding wear protection

Formulated to resist thermal and oxidative breakdown

Improved fuel economy performance versus conventional 15W-40 engine oil

Excellent soot dispersancy

Superior protection against deposit and sludge buildup

Exceptional low-temperature performance

Long-lasting total base number (TBN) to neutralize acids and guard against corrosive wear

## Suprex Gold ESP Synthetic Blend 10W-30

API CK-4

Formulated with up to 30% synthetic base oil

Improved fuel economy performance versus conventional 15W-40 engine oil

Industry-leading shear stability maintains viscosity in support of extended drain intervals

Provides exceptional oil consumption control

Formulated to provide superior soot control

Protects against high-temperature oxidation and viscosity loss

Excellent low-temperature performance

## Suprex Gold ESP 15W-40

API CK-4/SN

Heavy-duty engine oil formulated with advanced technology to provide superior engine life

Industry-leading shear stability maintains viscosity in support of extended drain intervals

Provides exceptional oil consumption control while lowering oil costs

Formulated to provide superior soot control

Protects against high-temperature oxidation and viscosity loss associated with shear breakdown

Superior low-temperature performance

Long-lasting TBN to neutralize acids and guard against corrosive wear

## FS Extended Life OAT Coolant/Antifreeze

Premium organic acid technology (OAT)

Heavy-duty and light-duty diesel and gasoline applications

Provides superior long-term elastomer compatibility

Prevents pitting caused by cavitation or corrosion of brass, copper, solder, steel, cast iron, and aluminum

Eliminates the need for supplemental coolant additives (SCAs) and coolant filters

Provides superior long-term elastomer compatibility

Extended service life: up to 1,000,000 miles / 8 years or 20,000 hours off-road protection

Available as pre-diluted (50/50) or concentrate

## FS Extended Life NOAT Coolant/Antifreeze

Premium organic acid technology featuring nitrite (NOAT)

Heavy-duty and light-duty diesel and gasoline applications

Prevents pitting caused by cavitation or corrosion of brass, copper, solder, steel, cast iron, and aluminum

Eliminates the need for SCAs and coolant filters

Provides superior long-term elastomer compatibility

Extended service life: up to 1,000,000 miles / 8 years or 20,000 hours off-road protection

Available as pre-diluted (50/50) or concentrate

## FS Fully Formulated Coolant/Antifreeze

Conventional technology; SCA precharged

Protects against winter freezing and summer boil over

Prevents pitting caused by cavitation or corrosion of brass, copper, solder, steel, cast iron, and aluminum

No initial SCA precharge required but will require SCA maintenance

Available as pre-diluted (50/50) or concentrate

On-road or off-road, you'll find the FS lubricant you need from our full line of premium-quality products.

FS lubricants use the highest-quality base oils and the latest additive technology to meet and exceed most manufacturers' specifications.

Advanced protection against wear ensures that you'll get the maximum value from both your lubricant and equipment investments.



# QUALITY LUBRICANTS THAT TAKE YOUR OPERATION FURTHER



## FS Power Fluid

Tractor hydraulic, transmission, and wet brake fluid

Proven high-performance multipurpose technology for use in a broad range of off-highway applications

Excellent oxidation stability

Provides advanced wear protection

Optimal wet brake friction performance

Provides excellent corrosion and rust protection



## FS Low Viscosity Power Fluid

Tractor hydraulic, transmission, and wet brake fluid

Designed for low-temperature applications meeting John Deere® J20D specifications

Proven high-performance multipurpose technology for use in a broad range of off-highway applications

Superior quality, multifunctional fluid

Superior oxidative stability, corrosion inhibition, and frictional characteristics



## FS Engine Guard™

Premium multi-grade oils for gasoline engines

Formulated with synthetic and highly refined conventional base stocks and an advanced detergent and dispersant package for excellent cleanliness

SAE 5W-20, 5W-30, and 10W-30

Full synthetic 0W-20, 5W-20, and 5W-30 available

General Motors dexos1 Gen 3 licensed (0W-20 and 5W-30)

Meets current specifications for ILSAC GF-6 and API SP RC



## FS All Purpose Gear Lube GL-5

For service fill of conventional differentials, final drives, and transfer cases

For use in non-synchronized manual transmissions

SAE 80W-90 and 85W-140 available



## FS Engine Guard Two-Cycle TC-W3 Engine Oil

Low aquatic toxicity, low smoke formulation

Suitable for all water-cooled or air-cooled two-cycle engines, including watercraft, snowmobiles, motorcycles, scooters, ATVs, and lawn/garden equipment



## FS Suprex®

Heavy-duty engine oil designed to meet the severe needs of diesel engines

For agricultural, construction, and over-the-road use

Both multi-viscosity and monogrades available

SAE 15W-40, 10W-30, 10W, 20W, 30, 40, and 50

# FS SPECTRA LUBE®



## FS Spectra Lube Green Semi-Synthetic Grease

Multipurpose, calcium sulfonate complex grease

Semi-synthetic formulation provides improved resistance against oxidation and higher film strength at elevated temperatures

Meets NLGI GC-LB specifications

High dropping point in excess of 500°F

Extended bearing life performance

Increased load-carrying capability and lubricant film strength

Improved rust protection performance

Advanced wear protection

Improved low-temperature working characteristics with low-temperature pumpability torque

Excellent for agriculture, mining, automotive, industrial, railroad, and construction industries

## FS Spectra Lube Blue Grease

A polyurea-thickened grease

Meets NLGI GC-LB specifications

High dropping point in excess of 500°F

Excellent for high-speed bearings

Superior shear stability

Outstanding pumpability

## FS Spectra Lube Gray Grease

3% molybdenum disulfide, lithium complex grease

High dropping point in excess of 500°F

High load-carrying capacity and anti-wear performance

Formulated for better adhesion in wet environments

Best suited for off-highway, heavy-duty applications

## FS Spectra Lube Construction Red Grease

A premium, lithium complex grease and a heavy base oil

High dropping point in excess of 500°F

Ensures high film strength, extreme-pressure, and anti-wear properties

Polymers provide excellent tack and water resistance

High-quality base fluid provides excellent natural oxidation inhibition

Effective antioxidants and corrosion inhibitors provide extra stability under storage and extreme service conditions

Meets NLGI GC-LB specifications

## FS Spectra Lube Red Grease

Multipurpose, lithium complex grease

High dropping point in excess of 500°F

For use in extreme cold- and high-temperature conditions

Ideal for car and truck maintenance

Meets NLGI GC-LB specifications

Excellent for agricultural, mining, and construction equipment



# HYDRAULIC OIL



## FS HD Hydraulic Oil

Anti-wear formulated lubricant promotes increased pump and fluid life. For a broad range of industrial hydraulic oil applications. ISO 32, 46, and 68 available.

## FS HD Premium Off-Road Hydraulic Oil

Meets Cat® HYDO™ Advanced 10 and 30. Formulated with premium-quality base oil. High-zinc anti-wear additive package. Extended equipment protection against wear, rust, and corrosion. Formulated with emulsifiers to disperse water for pump protection and lubrication. SAE 10W and 30. Excellent oxidative and thermal stability.

## FS Industrial Hydraulic Oil

A high-quality anti-wear fluid recommended for use in both high- and low-pressure hydraulic systems in industrial and mobile equipment. Available in ISO 32, 46, 68, 100, and 150.

## FS Synthetic Hydraulic Oil

For use in low- and high-pressure, mobile or stationary hydraulic systems. Outstanding thermal stability and cold-flow properties improve hydraulic efficiency in cold temperatures. Resists the formation of varnish that sticks valves. Available in ISO 22, 32, 46, and 68.

## FS Turbine R&O Hydraulic Oil

Designed for use in applications that require protection against rust and oxidation but do not require anti-wear or extreme-pressure (EP) additives. Available in ISO 32, 46, 68, 100, 150, 220, and 320.

## FS MV Hydraulic LS Oil

Multi-viscosity characteristics improve performance over a wide temperature range. Available in ISO 32, 46, and 68.

## FS MV Zinc-Free Hydraulic LS ISO 46

## FS Biodegradable Hydraulic Oil ISO 46

## FS Synthetic Anti-Varnish MV Hydraulic Oil

## FS Syn Hydraulic XT ISO 46

## FS HD Premium Off-Road Hydraulic Fluid

# FS ATF, SYNTHETIC MULTI-VEHICLE ATF, AND SYNTHETIC HD COMMERCIAL ATF FLUID



## FS ATF Fluid

Broad temperature range characteristics

For electronic and hydraulically controlled transmissions and transaxles

Suitable for use in DEXRON® III and MERCON® applications

## FS Synthetic Multi-Vehicle ATF

Protects metal parts from corrosion

Provides excellent oxidative stability under severe conditions

Reduces sludge and varnish buildup

Maintains lubricity and flows well for cold startup

Recommended for a variety of transmission applications

## FS Synthetic HD Commercial ATF

Excellent thermal and oxidative stability for long transmission life

Exceptional all-weather performance in both hot and cold temperature extremes

Durable friction properties to ensure smoother-shifting transmissions

Shear stable for long-term viscosity protection and extended drains in heavy-duty applications

# INDUSTRIAL & SPECIALTY LUBRICANTS

## FS Uni-Drive Synthetic TO-4 Fluid

A heavy-duty full synthetic drive train lubricant designed for use in transmissions, hydraulic systems, differentials, and final drives. SAE 10W-30, 15W-40, and 0W-20 viscosity grades. Meets Caterpillar® TO-4 and Allison® C-4 specifications. Superior friction retention for consistent shifting. Excellent oxidative stability. Improved rust and corrosion protection.

## FS Uni-Drive TO-4 Fluid

A heavy-duty drive train lubricant designed for use in transmissions, hydraulic systems, differentials, and final drives. Meets Caterpillar® TO-4 and Allison® C-4 specifications. Good friction retention for consistent shifting. Excellent oxidative stability. Rust and corrosion prevention. SAE 10W, 30, 50, 60 (FD-1).

## FS Industrial Gear Oil

An EP, high-performance gear lubricant designed for gear applications where pressures and shock loadings are high. Available in ISO 68, 100, 150, 220, 320, 460, and 680.

## FS Spindle Oil

Premium oil manufactured for high-speed bearings to provide excellent anti-wear protection and oxidation/corrosion inhibition. May be used where R&O oil is required. Available in ISO 10 and 22.

## FS Waylube

Formulated to provide EP and anti-wear protection with a tacky quality as needed for the slides and ways of machine tools. Available in ISO 32, 68, 150, and 220.

## FS Synthetic Industrial Gear Oil

An EP, high-performance gear and bearing oil designed to provide excellent service in terms of equipment protection and oil life. For extreme conditions, including low or high temperatures. Available in ISO 68, 100, 150, 220, 320, 460, 680, and 1000.

## FS Rock Drill Oil

Formulated with high-quality mineral oil in combination with additives for EP performance, rust and corrosion protection, tackiness, foam resistance, and emulsibility. Available in ISO 46, 68, 100, 150, 220, and 320.

## FS Synthetic R&O Gear, Bearing, and Compressor Fluid

These high-quality, rust- and oxidation-inhibiting, synthetic oils are fortified with ashless anti-wear additives for excellent gear and bearing protection. They are designed for superior performance in a wide variety of applications including hydraulics, circulating systems, pumps, compressors, and helical, spur, or worm gearboxes. ISO 22, 32, 46, 68, 100, 150, 220, 320, 460, and 680 available.

## FS Engine Guard 20W-50 Premium Motor Oil

## FS Concrete Form Oil

## FS HTB Fluid

## FS Vacuum Pump Oil

## FS Railroad Engine Oil SAE 40 and 20W-40

## FS Mineral (White) Oil

## Natural Gas Engine Oil

## FS Heat Transfer Oil

## FS HD Gear Synthetic 75W-90

## Metalworking Fluids

## FS Synthetic Ester Compressor Oil

## FS Synthetic 40 Transmission Fluid

## FS Synthetic 50 Transmission Fluid

## Food Grade Lubricants

## Biodegradable Lubricants

## FS Synthetic Heavy Duty Transmission Fluid

## FS Synthetic Gear Lubricants



## **FS - THE PEOPLE TO TAKE YOU FURTHER**

When it comes to the success of your operation, you can rely on your local FS Energy Specialists. They are uniquely qualified with the knowledge and expertise to help you improve profits, cut downtime, and reduce maintenance expenses. So if you're looking for ways to enhance your profitability, count on the energy experts at FS to help you go further.

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