

FS HD Premium Off-Road Hydraulic

Description

FS HD Premium Off-Road Hydraulic is formulated with premium-quality group II base oils combined with a high-zinc universal anti-wear additive package. It also contains additives to provide rust and oxidation protection and foam resistance as well as emulsifiers specially designed to disperse water and improve filterability. This additive system is balanced with high-quality base oils to ensure that the final product provides excellent oxidative and thermal stability. FS HD Premium Off-Road Hydraulic is excellent for high-heat applications.

Features and Benefits:

- Maximum efficiency of hydraulic systems
- Premium high-zinc anti-wear additive package
- Extended equipment protection against wear, rust, and corrosion
- High viscosity index to minimize oil viscosity change with temperature
- Oxidation stability to protect against gum, sludge, and varnish formation
- Formulated with emulsifiers to disperse water for pump protection and lubrication
- Enhanced thermal stability

Recommended Use:

- Systems with vane or axial piston pumps
- Automated machine tools
- Microfiltration systems
- High-pressure systems
- General hydraulic oil in industrial plants
- High-output systems
- Off-road equipment requiring a premium high-zinc anti-wear hydraulic oil

Meets or Exceeds:

- Denison HF-0, HF-1, HF-2
- Lee-Norse 100-1
- Cincinnati Machine P-68
- B.F. Goodrich 0152
- Racine Variable volume vane pumps
- CAT Hydo Advanced 10 & 30
- DIN 51524 Part 2
- Commercial Hydraulics
- Jeffrey No. 87
- US Steel 136 & 127
- AFNOR E 48-603
- Ford M-6C32
- Vickers M-2950-S (Mobile), I-286-S (Industrial)

Product Availability:

FS HD Premium Off-Road Hydraulic Oil SAE 10W

5 Gal. Pail	Item #267797
55-gal. Drum	Item #241784
265-gal. Totes	Item #241783
Bulk	Item #241782

FS HD Premium Off-Road Hydraulic Oil SAE 30

5 Gal. Pail	Item #278383
55-gal. Drum	Item #278382
265-gal. Totes	Item #278381
Bulk	Item #278380



Typical Properties:

Test / Description	Specification	
SAE Grade	10W	30
Viscosity @ 100°C (cSt)	6.5	10.6
Viscosity @ 40°C (cSt)	42.0	90.0
Viscosity Index	105	100
Density (lb/gal)	7.26	7.34
Pour Point (°C)	-36	-24
Pour Point (°F)	-33	-11
Flash Point (°C)	205	220
Flash Point (°F)	401	428
Zn (PPM)	900	900
FZG Gear Test	12	12
Rust Test	Pass	Pass
Turbine Oil Stability Test (hrs)	5,000+	5,000+

