

FS Synthetic Hydraulic Oil

Description

A high-quality synthetic hydraulic oil for use in low- and high-pressure, mobile, or stationary hydraulic systems. It ranges in viscosity grade from ISO-22 to ISO-68, and the appropriate viscosity grade is good for use with gear, vane, and piston-type pumps. This synthetic hydraulic oil features outstanding thermal stability and cold-flow properties. It resists the formation of varnish that sticks valves and improves hydraulic efficiency in cold temperatures.

Features and Benefits:

- Shear stable
- Resists heat
- Rust and oxidation inhibited
- Features zinc-based anti-wear additive system
- Readily separates from water
- Designed for long life
- -76°F pour point (ISO 22)
- Compatible with seals and zinc-based petroleum anti-wear hydraulic oils
- Minimizes pump chatter and cavitation in cold weather

Meets or Exceeds:

- Denison HF-0, HF-1, and HF-2
- Vickers M-2950-S, I-286-S
- Cincinnati Machine, ISO 32 (P-38 & P-68), ISO 46 (P-55 & P-70),
- ISO 68 (P-54 & P-69)
- US Steel 127 and 126
- Racine Variable volume vane pumps
- DIN 51524 Part 2
- AFNOR E48-603
- Lee-Norse 100-1

Product Availability:

FS Synthetic Hydraulic Oil 22

5 Gal. Pail Item #230428

55-gal. Drum*

265-gal. Tank*

FS Synthetic Hydraulic Oil 32

5 Gal. Pail Item #197767

55-gal. Drum Item #233530

265-gal. Tank*

FS Synthetic Hydraulic Oil 46

5 Gal. Pail*

55-gal. Drum Item #188382

265-gal. Tank*

*Check price pages for item number.

Typical Properties:

Test / Description	Specification		
Synthetic AW Series Anti-Wear Hydraulic Oils	22	32	46
Viscosity @ 100°C (cSt)	6.1	6.8	8.9
Viscosity @ 40°C (cSt)	22.0	32.0	46.0
Viscosity Index	251	179	178
Density (lb/gal)	6.96	7.09	7.09
Pour Point (°C)	-60	-57	-51
Pour Point (°F)	-76	-71	-60
Flash Point (°C)	174	244	236
Flash Point (°F)	345	471	457
Rust Test	Pass	Pass	Pass
Dielectric Strength	>40	>40	>40