

FS HD Hydraulic ISO 32, 46, & 68

Recommended Use:

- Applications where maximum pump protection and/or longer fluid life is desired.
- Both high- and low-pressure hydraulic systems for industrial and mobile applications.
- A broad range of industrial applications, machine tools, presses, injection molding machines, central systems, gear cases, and various bearing applications.
- Mobile loading and continuous mining equipment where high speeds, loads, and temperatures are encountered.
- Reduction gears and bearings with greater load-carrying requirements than are satisfied by conventional R&O fluids.

Meets or Exceeds:

- Vickers M-2950-S (Mobile), I-286-S (Industrial)
- Denison HF-0, HF-1, HF-2
- Cincinnati Machine P-68
- Racine Variable volume vane pumps
- Bosch Rexroth RDE 90220
- DIN 51524 Part 2
- Jeffrey No. 87
- US Steel 136, 127
- General Motors LH-04-1, LH-06-1, LH-15-1
- AFNOR E 48-603
- Lee-Norse 100-1
- Ford M-6C32
- B.F. Goodrich 0152
- Commercial Hydraulics

Product Availability:

FS HD Hydraulic ISO 32

2 x 2.5 Gal.	Item #70683
55-gal. Drum	Item #70591
265-gal. Totes	Item #74392
Bulk	Item #71036

FS HD Hydraulic ISO 48

2 x 2.5 Gal.	Item #71056
6 x 1 gal.	Item #177016-W
55-gal. Drum	Item #71096
265-gal. Totes	Item #74241
Bulk	Item #71038

FS HD Hydraulic ISO 68

2 x 2.5 Gal.	Item #166955
5 Gal. Pail	Item #158597
55-gal. Drum	Item #158598
265-gal. Totes	Item #158599
Bulk	Item #153570

Typical Properties:

Test / Description	Specification		
ISO Grade	32	46	68
Viscosity @ 100°C (cSt)	5.4	6.9	8.9
Viscosity @ 40°C (cSt)	32.0	46.0	68.0
Viscosity Index	102	105	104
Density (lb/gal)	7.17	7.26	7.27
Pour Point (°C)	-30	-27	-24
Pour Point (°F)	-22	-17	-11
Flash Point (°C)	210	210	220
Pour Point (°F)	410	410	428
Rust Test	Pass	Pass	Pass
Turbine Oil Stability Test (hrs)	6,000+	6,000+	6,000+