

FS Industrial Hydraulic ISO 32, 46, 68, 100, & 150

Recommended Use:

- 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 (ISO 32), P-69 (ISO 68), P-70 (ISO 46)
- Racine Variable volume vane pumps
- 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 INDUSTRIAL HYDRAULIC OIL 32			
Package Size	Item Number	Package Size	Item Number
5 Gal. Pail	158956	265-gal. Totes	70513
55-gal. Drum	70695	Bulk	70607

FS INDUSTRIAL HYDRAULIC OIL 46			
Package Size	Item Number	Package Size	Item Number
5 Gal. Pail	165881	265-gal. Totes	70599
55-gal. Drum	70697	Bulk	70608

FS INDUSTRIAL HYDRAULIC OIL 68			
Package Size	Item Number	Package Size	Item Number
5 Gal. Pail	165883	265-gal. Totes	73455
55-gal. Drum	73325	Bulk	153569

FS INDUSTRIAL HYDRAULIC OIL 100			
Package Size	Item Number	Package Size	Item Number
5 Gal. Pail	139673	265-gal. Totes	155193
55-gal. Drum	139674	Bulk	158270

FS INDUSTRIAL HYDRAULIC OIL 150			
Package Size	Item Number	Package Size	Item Number
5 Gal. Pail	201325	265-gal. Totes	
55-gal. Drum	167520	Bulk	167521



Typical Properties

Test / Description	Specification				
ISO Grade	32	46	68	100	150
Viscosity @ 100°C (cSt)	5.3	6.8	8.7	11.2	14.7
Viscosity @ 40°C (cSt)	32	46	68	100	150
Viscosity Index	96	101	99	97	97
Density (lb/gal)	7.11	7.16	7.25	7.34	7.39
Pour Point (°C)	-33	-30	-24	-21	-21
Pour Point (°F)	-27	-22	-11	-6	-6
Flash Point (°C)	215	210	210	225	220
Flash Point (°F)	419	410	410	437	428
TBN	NA	NA	NA	NA	NA
Copper Corrosion	1A	1A	1A	1A	1A
Rust Test	Pass	Pass	Pass	Pass	Pass
Turbine Oil Stability (hrs)	3,000+	3,000+	3,000+	3,000+	3,000+