

FS MV Hydraulic LS ISO 32, 46, & 68

Description

FS MV Hydraulic LS (Low Shear) oil is an exceptional multi-viscosity, low-shear, anti-wear hydraulic oil. It is formulated specifically for use in equipment that is operating over a wide range of temperatures and where oil with dielectric properties is required. This oil has a balanced additive combination of pour point depressants and a very shear-stable viscosity index improver that makes it suitable for operating in outdoor mobile equipment under cold startup or operating conditions. In addition to its excellent low-temperature characteristics, FS MV Hydraulic LS Oil will also maintain sufficient body film strength to lubricate at the warmer operating temperatures found in many operations. Its high viscosity index meets the all-season requirements of most major manufacturers and users of hydraulic systems.

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:

- Bosch Rexroth RDE 90235
- Parker (formerly Denison) HF-0, HF-1, HF-2 (HM, HV)
- Eaton E-FDGN-TB002-E
- Fives P68, P69, P70 (HM, HV)
- DIN 51524-2 (HM); DIN 51524-3 (HV)
- ISO 11158 (HM, HV)
- GB 11118.1-2011 (L-HL, L-HM, L-HV, L-HS)
- ASTM D6158 (HM, HV)
- SAE MS 1004 (HM, HV)
- JCMAS P041 HK Hydraulic specification
- GM LS-2
- AIST 126, 127
- SEB 181222

Product Availability:

FS MV Hydraulic LS ISO 32

5 Gal. Pail	Item #16054
55-gal. Drum	Item #16055
265-gal. Totes	Item #157537
Bulk	Item #157538

FS MV Hydraulic LS ISO 46

5 Gal. Pail	Item #16056
55-gal. Drum	Item #16057
265-gal. Totes	Item #157539
Bulk	Item #157540

FS MV Hydraulic LS ISO 68

5 Gal. Pail	Item #16058
55-gal. Drum	Item #16059
265-gal. Totes	Item #157541
Bulk	Item #157542

* See current price page for package sizes and item numbers.



Typical Properties:

Test / Description	Specification		
ISO Grade	32	46	68
Viscosity @ 100°C (cSt)	6.4	8.5	11.3
Viscosity @ 40°C (cSt)	32.0	46.0	68.0
Viscosity Index	157	164	160
Density (lb/gal)	7.11	7.11	7.10
Pour Point (°C)	-36	-36	-30
Pour Point (°F)	-33	-33	-22
Flash Point (°C)	175	180	185
Flash Point (°F)	347	356	365
Rust Test	Pass	Pass	Pass
Turbine Oil Stability Test (hrs)	5,000+	5,000+	5,000+

