

United MV (multi-viscosity) Hydraulic LS (low-shear) Oils are all-season hydraulic lubricants engineered for applications within a wide temperature range. These oils are formulated with rust and oxidation inhibitors, anti-wear agents, and anti-foam additives. United MV Hydraulic LS Oils have good water separation capabilities so that contaminant water may be drained from the reservoir when the machine is at rest. In-plant filtration systems ensure ISO cleanliness standards during blending and packaging, providing a clean product for hydraulic systems.

Features:

- Maximum efficiency of hydraulic systems
- Inhibited against wear, rust, corrosion, sludge, and foaming tendencies
- High viscosity index minimizes oil viscosity change with temperature, ensuring quicker lubrication in cold climates and an adequate fluid film within operating temperatures
- Excellent cold temperature flow

Applications:

- Systems having vane or axial piston pumps
- Recommended for micro-filtration systems
- General hydraulic oil in industrial plants
- Mobile equipment requiring premium all-season anti-wear hydraulic oil
- Automated machine tools
- High-pressure systems
- High-output systems

TYPICAL SPECIFICATION DATA

UNITED MV HYDRAULIC LS OIL			
ISO GRADE	32	46	68
Viscosity @ 100°C (cSt)	6.4	8.5	11.0
Viscosity @ 40°C (cSt)	32.0	46.0	68.0
Viscosity Index	157	164	153
Density (lb/gal)	7.16	7.15	7.10
Pour Point (°C)	-39	-42	-39
Pour Point (°F)	-38	-44	-38
Flash Point (°C)	203	222	219
Flash Point (°F)	397	460	426
Turbine Oil Stability Test, hrs.	5000+	5000+	5000+

Meets or Exceeds:

- AFNOR E 48-603
- B.F. Goodrich 0152
- Cincinnati Machine P-68 (ISO 32), P-70 (ISO 46), P-69 (ISO 68)
- Commercial Hydraulics
- Denison HF-0, HF-1, HF-2
- DIN 51524 Part 2
- Ford M-6C32
- Jeffrey No. 87
- Lee-Norse 100-1
- Racine Variable Volume Vane Pumps
- U.S. Steel 136 & 127
- Vickers M-2950-S (Mobile), I-286-S (Industrial)

Product Availability: United MV Hydraulic LS Oil ISO 32

- 55 Gal
- 265 Gal
- Bulk
- Item # 288039
- Item # 292786
- Item # 195290

Product Availability: United MV Hydraulic LS Oil ISO 46

- 5 Gal
- 55 Gal
- 265 Gal
- Bulk
- Item # 340610
- Item # 292792
- Item # 292788
- Item # 292787

Product Availability: United MV Hydraulic LS Oil ISO 68

- 55 Gal
- 265 Gal
- Bulk
- Item # 292790
- Item # 292791
- Item # 292789