

XL-6000 AW 46

DESCRIPTION:

XL-6000 AW 46 Hydraulic Oil is a premium quality antiwear hydraulic fluid designed to provide optimal protection in high pressure applications. **XL-6000 AW 46 Hydraulic Oil** is formulated to provide rust protection as well as foam inhibition. **XL-6000 AW 46 Hydraulic Oil** has excellent oxidation resistance and provides superior antiwear protection. **XL-6000 AW 46 Hydraulic Oil** has a dielectric strength above 35kV and is non-conductive.

FEATURES/BENEFITS:

- Typically 6,000 hours drain interval
- Specifically designed to maximize protection to hydraulic pump and their parts
- Formulated with highly refined, high viscosity index base stocks
- Provide excellent demulsibility and rust protection
- Antiwear additives create a protective film on metal surfaces
- Helps minimize metal to metal contact that is most severe in vane and gear pumps
- Minimum viscosity changes over a wide range of temperatures
- Superior filterability is provided with excellent thermal and hydrolytic stability thus preventing the formation of deposits which may interfere with filtration in equipment that has close tolerances.

APPLICATIONS:

XL-6000 AW 46 Hydraulic Oil is recommended for hydraulic systems that have vane, piston or gear type pumps and particularly where pressures exceed 1000 psi.

XL-6000 AW 46 Hydraulic Oil can also be used to lubricate lightly loaded reciprocating compressors and as general purpose shop lubricants for motors and bearings. **XL-6000 AW 46 Hydraulic Oil** meets all major pump manufacturers' requirements.

Meets Performance Requirements:

- ASTM D6158 HL, HM, & HV
- Bosch Rexroth RDE 90220 and RDE-90235
- Chinese standard GB 11118.1 L-HL & L-HM High- pressure and General
- Danieli 0.000.001 Type 10 & 11
- DIN 51524 PART 1,2, & 3
- Eaton Brochure 03-401-2010
- Eaton Lubricant Specification E-FDGN-TB002-E
- Fives Cincinnati P-68, P-69 & P-70
- GM LS-2 Antiwear Hydraulic Oil
- ISO 11158 HL, HM, & HV
- JCMAS HK P041
- Parker Denison HF-1, HF-2, & HF-0
- SAE MS1004
- SWEDISH STANDARD SS 155434:2015
- U.S. Steel 126
- ZF TE-ML 07H, ZF TE-ML 21M
- Vickers M-2950 & I-286-S

* ALWAYS CONSULT YOUR OWNER'S MANUAL FOR THE PROPER FLUID FOR YOUR EQUIPMENT.

Omni Specialty Packaging

TYPICAL TEST DATA

ISO GRADE	46
Specific Gravity @ 60 °F	0.8643
Viscosity, Kinematic cSt at 40°C	46.1
Viscosity, Kinematic cSt at 100°C	7.6
Viscosity Index	134
Flash Point, °F	403
Pour Point, °C (°F)	-19 (-2.2)
Color	1.0
Oxidation Stability, Hours to 2.0 AN, ASTM D 943	6000
Zinc, ppm	740

Typical test data are average values only. Minor variations which do not affect product performance are to be expected during normal manufacturing.