



## Premium 6000 AW 68

### DESCRIPTION:

**Premium 6000 AW 68 Hydraulic Oil** is a premium quality antiwear hydraulic fluid designed to provide optimal protection in high pressure applications. **Premium 6000 AW 68 Hydraulic Oil** is formulated to provide rust protection as well as foam inhibition. **Premium 6000 AW 68 Hydraulic Oil** has excellent oxidation resistance and provides superior antiwear protection. **Premium 6000 AW 68 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:

**Premium 6000 AW 68 Hydraulic Oil** is recommended for hydraulic systems that have vane, piston or gear type pumps and particularly where pressures exceed 1000 psi.

**Premium 6000 AW 68 Hydraulic Oil** can also be used to lubricate lightly loaded reciprocating compressors and as general purpose shop lubricants for motors and bearings. **Premium 6000 AW 68 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.

#### TYPICAL TEST DATA

ISO GRADE	68
Specific Gravity @ 60 °F	0.8614
Viscosity, Kinematic cSt at 40°C	68.3
Viscosity, Kinematic cSt at 100°C	9.6
Viscosity Index	160
Flash Point, °F	409
Pour Point, °C (°F)	-18 (-0)
Color	1.5
Oxidation Stability, Hours to 2.0 AN, ASTM D 943	6000
Zinc, ppm	771

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