



## Premium 6000 AW 46

### DESCRIPTION:

**Premium 6000 AW 46 Hydraulic Oil** is a premium quality antiwear hydraulic fluid designed to provide optimal protection in high pressure applications. **Premium 6000 AW 46 Hydraulic Oil** is formulated to provide rust protection as well as foam inhibition. **Premium 6000 AW 46 Hydraulic Oil** has excellent oxidation resistance and provides superior antiwear protection. **Premium 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:

**Premium 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.

**Premium 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. **Premium 6000 AW 46 Hydraulic Oil** meets all major pump manufacturers' requirements.

### Meets Performance Requirements:

- PARKER HANNIFIN FRANCE (DENSION) HF-0
- EATON BROCHURE 03-401-2010
- MAG IAS P-68, P-69, P-70
- GM LS-2
- JCMAS HK
- US STEEL 127 & 136
- BOSCH REXROTH RD90220
- SAE MS1004
- DIN 51524 Part 1 and 2

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

# **PREFERRED** *Lubricants*

## **TYPICAL TEST DATA**

<b>ISO GRADE</b>	<b>46</b>
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.