6000 Premium AW 68 - Technical Data Sheet

DESCRIPTION:

6000 Premium AW 68 is a premium quality antiwear hydraulic fluid designed to provide optimal protection in high pressure applications. 6000 Premium AW 68 is formulated to provide rust protection as well as foam inhibition. 6000 Premium AW 68 has excellent oxidation resistance and provides superior antiwear protection. 6000 Premium AW 68 has a dielectric strength above 35kV and is non-conductive.

FEATURES/BENEFITS:

- 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:

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

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

ISO Grade	**68**
Specific Gravity @ 60° F	**.8640**
Viscosity, Kinematic cSt at 40° C Min/Max	**61.2 - 74.8**
Viscosity, Kinematic cSt at 100° C	**12.0**
Viscosity Index	**144**
Flash Point, °F	**413**
Pour Point, °C (°F)	**-22 (-8)**
Color Max	**3.0**
Oxidation Stability, Hours to 2.0 AN, ASTM D 943 Min	**6000**
Zinc, ppm	**838**

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