

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.

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.

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

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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 owners manual for the proper fluid for your equipment.*

TYPICAL PHYSICAL PROPERTIES

ISO GRADE	86
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)	-22 (-8)
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.