

# Longlife AW32 Premium Hydraulic Oil

## Description:

- Longlife AW32 Premium Hydraulic Oil is a premium quality antiwear hydraulic fluid designed to provide optimal protection in high pressure applications. Premium AW 32 Hydraulic Oil is formulated to provide rust protection as well as foam inhibition.
- Longlife AW32 Premium Hydraulic Oil has excellent oxidation resistance and provides superior antiwear protection.
- Longlife AW32 Premium Hydraulic Oil has a dielectric strength above 35kV and is non-conductive.

## Features:

- 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:

- Longlife AW32 Premium Hydraulic Oil is recommended for hydraulic systems that have vane, piston or gear type pumps and particularly where pressures exceed 1000 psi.
- Longlife AW32 Premium Hydraulic Oil can also be used to lubricate lightly loaded reciprocating compressors and as general purpose shop lubricants for motors and bearings.
- Longlife AW32 Premium 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
- Vickers M-2950 & I-286-S

Please note: Always consult your owner's manual for your proper equipment fluid.

**Typical Test Data**

<b>ISO Grade</b>	<b>AW32</b>
Specific Gravity @ 60°F	0.8640
Viscosity, Kinematic cSt at 40°C	32.2
cSt at 100°C	5.5
Viscosity Index	112
Flash Point, (°F)	413
Pour Point, °C (°F) Oxidation	-22
Stability, Hours to 2.0 AN, ASTM D 943 Min	6,000
Color	0.5
Zinc, ppm	702