



PRODUCT INFORMATION

PL Select AW Hydraulic Oils

PREMIUM ANTI-WEAR HYDRAULIC OIL MEETING ALL MAJOR EQUIPMENT MANUFACTURERS' SPECIFICATIONS AND INDUSTRY REQUIREMENTS FOR EXTENDED SERVICE IN CRITICAL HYDRAULIC APPLICATIONS.

Product Description

Anti-Wear Hydraulic Oil is manufactured from highly refined paraffinic base oils and is fortified with an inhibitor system to provide a product which insures maximum performance in all aspects of hydraulic service. Anti-wear agents keep wear rates low on critical pump parts and rust and corrosion problems are eliminated by the rust inhibitor. A foam suppression additive eliminates concerns over operating problems due to foam buildup in the hydraulic storage tank even in high circulation rate systems with low residence times.

Advantages & Uses

- Recommended for all hydraulic systems regardless of the operating pressure.
- Specifically designed for hydraulic systems operating over 1000 psi which require antiwear protection for pump parts.
- Recommended for all hydraulic pump designs including vane, gear, and axial and radial piston pumps.
- Widely used in machine tools, presses, diecasting machines, circulating systems and hydraulic control systems.
- Used in lubrication of plain and anti-friction bearings, airline lubricators, reciprocating air compressors, moderately loaded gear sets.
- Meets the requirements of all the major hydraulic pump manufacturers: including Vickers I-286-S, and M-2950-S, Haglund-Denison HF-0, HF-1 and HF-2, Oligear, Delaval, Pesco, Racine, Hydreco, Sunstrand, Dynex, John Barnes & Bellows and Valvair.
- Meets the industrial specifications of Cincinnati Milacron P-68, P-69, and P-70, General Motors LH-04-1, LH-061, and LH-15-1, Lee Morse 100-1, Jeffrey No. 87, Ford M-6C32, U.S. Steel 136, and B.F. Goodrich 0152.
- Meets DIN 51524 Part-2 (HLP), ISO Grades 22-100.

Features

- Low wear in severe industry OEM pump specification tests means long equipment life in even the most severe service.
- High resistance to oxidation gives long oil service life and reduced maintenance expenses due to less frequent oil changes.
- Excellent airline oil with minimum stray mist.
- Highly machined surfaces of hydraulic system components are protected from rust and corrosion.
- Foam inhibition prevents formation of excessive amounts of foam and reduces the danger of pump failure due to cavitation.
- Excellent demulsibility means any water present separates from the oil quickly allowing the water to settle out and be drained from the system.
- A versatile product which can be widely used in many different industrial applications to reduce inventory, prevent equipment damage due to use of the wrong oil and reduce overall maintenance costs.

Test	ASTM	32	46	68
Gravity, °API	D-287	31.8	31.0	30.3
Flash Point, °F.	D-92	375	395	425
Fire Point, °F.	D-92	420	440	470
Pour Point, °F.	D-97	-20	-20	-15
Viscosity:				
cSt. @ 40°C.	D-445	32	46	68
cSt. @ 100°C.	D-445	5.36	6.74	8.62
Viscosity Index	D-2270	99	99	97
Color, D-1500	D-1500	2.0	2.0	2.5
Zinc, Wt. %		.04	.04	.04
Phosphorus, Wt. %		.04	.04	.04

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY