



Olympus AW Hydraulic Oil 46

PREMIUM ANTI-WEAR HYDRAULIC OIL

Product Description:

AW Hydraulic Oil 46 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.

Typical 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, axial and radial piston pumps. Also, systems with servo valves and robotics.
- Widely used in machine tools, presses, diecasting machines, plastic injection molding, 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 (Hybrid Pump).
- Meets the industrial specifications of Cincinnati Milacron P-68, P-69, and P-70, General Motors LS-2 LH-03 / LH-04/ LH-06 and U.S. Steel 127
- Meets DIN 51524 Part-2 and JCMAS HK

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 air-line 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.

Typical Inspections

PROPERTY	ASTM Test	46
GRAVITY, ° API	D-287	31.0
FLASH POINT, °F.	D-92	395
POUR POINT, °F.	D-97	-20
VISCOSITY:		
cSt @ 40° C.	D-445	46
VISCOSITY INDEX	D-2270	99
COLOR, D-1500	D-1500	2.0
ZINC, WT. %		.04
PHOSPHORUS, WT%		.04
Oxidation	D-943	5000 hrs

Values shown here are typical, Other ISO grades are available