



# Olympus AW Hydraulic Oil 68

PREMIUM ANTI-WEAR HYDRAULIC OIL

## Product Description:

**AW Hydraulic Oil 68** 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	68
GRAVITY, ° API	D-287	30.3
FLASH POINT, °F.	D-92	425
POUR POINT, °F.	D-97	-5
VISCOSITY:		
cSt @ 40° C.	D-445	68
VISCOSITY INDEX	D-2270	97
COLOR, D-1500	D-1500	2.5
ZINC, WT. %		.04
PHOSPHORUS, WT%		.04
Oxidation	D-943	5000 hrs

Values shown here are typical, Other ISO grades are available