



**TOP 1 OIL PRODUCTS COMPANY**

**PRODUCT DATA SHEET**

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# AW HYDRAULIC OILS

## DESCRIPTION

**AW HYDRAULIC OILS** are premium quality universal oils designed for use in modern high-pressure, high-speed industrial hydraulic systems. They are made from solvent refined, paraffinic oils and are formulated with a special zinc dithiophosphate additive to offer wear protection to pumps and motors in high-pressure hydraulic systems. In addition AW HYDRAULIC OILS have an effective dispersant to keep close-tolerance valves clean and freely operating for maximum efficiency of the system. AW HYDRAULIC OILS also have a characteristic orange dye, which helps to identify the product and to more easily locate leaks in the system. They are rust, oxidation and foam inhibited. AW HYDRAULIC OILS fulfill the recommendations of major hydraulic pump manufacturers, which call for "anti-wear" lubricants.

## FEATURES AND ADVANTAGES

- Excellent anti-wear protection
- High oxidation stability
- Orange dye allows for identification of leakage in hydraulic systems
- Excellent rust and corrosion protection
- Dispersant additive package provides continuous cleaning action
- Minimum viscosity change
- Passes all major pump manufacturers requirements
- Fast water separation
- Excellent filterability
- 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 Norse **100-1**, Jeffrey No. **87**, Ford **M-6C32**, U.S. Steel **127,136 / 126**, GM **LS-2**, **Bosch Rexroth** and B.F. Goodrich **0152**.
- Meets **DIN 51524 Part-2 (HLP)**, ISO Grades 22-100.
- Meets **AFNOR E48-603** requirements

## TYPICAL SPECS

GRADE, ISO	32	46	68	100
Gravity, °API	31.8	31.0	30.3	29.0
Flash Point, °C	191	202	218	227
Fire Point, °C	216	227	243	252
Pour Point, °C	-29	-29	-26	-12
Viscosity:				
SUS @ 100°F	165	237	352	522
SUS @ 210°F	44.2	48.8	55.3	64.1
cSt @ 40°C	32	46	68	100
cSt @ 100°C	5.36	6.74	8.62	11.01
Viscosity Index	105	100	95	95
Color	2.0	2.0	2.5	3.5
<b>Product Number:</b>				
1x5 Gal	10385	10375	10365	
1x53 Gal	10387	10377	10367	10378

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY

100 N. El Camino Real, San Mateo, CA 94401, Tel: 650.347.3691 Fax: 650.340.8739 www.top1oil.com