



# 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	150	220
Gravity, °API	31.8	31.0	30.3	29.0	27.7	26.7
Flash Point, °C	191	202	218	227	241	246
Fire Point, °C	216	227	243	252	266	271
Pour Point, °C	-29	-29	-26	-12	-9	-9
Viscosity:						
SUS @ 100°F	165	237	352	522	789	1165
SUS @ 210°F	44.2	48.8	55.3	64.1	78.1	95
cSt @ 40°C	32	46	68	100	150	220
cSt @ 100°C	5.36	6.74	8.62	11.01	14.6	18.6
Viscosity Index	105	100	95	95	95	94
Color	2.0	2.0	2.5	3.5	4.0	4.0
<b>Product Number:</b>						
1x18.95 L (5 Gal)	10385	10375	10365		12305	
1x200 L (53 Gal)	10387	10377	10367	10378	12307	10379
1x208 L (55 Gal)				10378-55		10379-55

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY

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