

HYDRAULIC AW

High Performance
Anti-Wear Hydraulic Oil

MaxPro1 Hydraulic AW series are formulated from high-grade selected refined base stocks and additive package, to provide excellent anti-wear protection, oxidation and corrosion inhibition, as well as foam and aeration suppression. All grades have excellent demulsibility characteristics.

APPLICATIONS

MaxPro1 Hydraulic AW series are versatile lubricants available in ISO viscosity grades 32, 46, 68 AND 100. ISO 32, 46, 68 AND 100 grades are most commonly used for hydraulics with vane-, piston-, or gear-type pumps, especially where pressures exceed 1000 psi.

MaxPro1 Hydraulic AW are compatible with all common construction metals and sealing materials used in hydraulic systems. They should not be used in conjunction with components which employ silver or silver-plated parts.

FEATURES AND BENEFITS

- Extremely excellent anti-wear properties reduce the abrasion of a hydraulic pump operated under high -pressure, high-speed conditions to a minimum and maintain the smooth operation of a hydraulic system for a long period of time.
- Low deposit formation tendency keeps the entire hydraulic system clean.
- Effective rust and corrosion inhibition protects metal surfaces under severe operating conditions.
- High oxidation stability makes stable performance possible under high -temperature, high-pressure conditions for a long period of time.
- Excellent anti-foam properties release entrapped air and prevent loss of hydraulic power and lubrication due to excessive foaming. Good demulsibility permits fast separation of entrained water.
- Compatible with all gaskets, O-rings and sealing materials used in hydraulic and circulating lubrication systems.



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PERFORMANCE LEVEL

It meets the performance requirements of:

- AFNOR NF E 48-603 (HM & HL)
- Denison TP02100
- VICKERS 1-286-S
- U.S. Steel 126 & 127
- DIN 51524 Part 1 & Part 2 HLP Category

TYPICAL PHYSICAL CHARACTERISTICS

ISO VG Grade	10	15	22	32	46	68	100	150
Product Code	6030	6031	6032	6033	6034	6035	6036	6037
Density @ 15°C, Kg/m3	0.89	0.84	0.86	0.87	0.88	0.88	0.887	0.893
Flash Point (°C)	146	190	205	215	220	225	230	230
Pour Point (°C)	-39	-30	-24	-30	-30	-24	-21	-21
Viscosity, Kinematic								
cSt @ 40°C	9.5	15	22	32	46	68	100	150
cSt @ 100°C	2.42	3.51	4.36	5.42	6.87	8.89	11.42	14.13
Viscosity Index	55	110	104	102	103	103	100	96

The information provided is to our best knowledge, true & accurate, subjected to change without notification due to continual product research and development.

Available Size & Part Number

	18L	200L
AW 10	6030-18	6030-200
AW 15	6031-18	6031-200
AW 22	6032-18	6032-200
AW 32	6033-18	6033-200
AW 46	6034-18	6034-200
AW 68	6035-18	6035-200
AW 100	6036-18	6036-200
AW 150	6037-18	6037-200



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