

# BENZLUBE

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**Benzlube 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.

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## APPLICATIONS

**Benzlube 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.

**Benzlube 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.

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## 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.

## HYDRAULIC AW

High Performance  
Anti-Wear Hydraulic Oil



Revision 23/09/15 Superseding  
issue of

# BENZLUBE

## 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 <sup>0</sup> 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 <sup>0</sup> C	9.5	15	22	32	46	68	100	150
cSt @ 100 <sup>0</sup> 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: 18L and 200L**

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