

HYDRATEK AW

HYDRATEK AW is a range of high-quality Group II mineral oil based hydraulic fluids formulated to meet the stringent requirements of positive displacement, high pressure, high-speed hydraulic pumps.

HYDRATEK AW offers superior performance in oxidation protection, thermal stability, water tolerance and pump durability. The combination of anti-foam, anti-oxidants and zinc anti-wear additives have been optimized for use where machine performance is not affected by fluctuating temperatures.

HYDRATEK AW has excellent air separation characteristics which reduces foaming and its negative effects. It will keep your equipment operating at peak levels and will protect hydraulic components from wear. Having a long service life of 4000 hours, when used exclusively, reduces oil consumption and cost.

HYDRATEK AW is fully compatible with elastomer materials commonly used for static and dynamic seals, such as nitrile, silicone and fluorinated polymers.

HYDRATEK AW is suitable for applications in which lubricants of high oxidation stability and lubrication performance are required such as lightly loaded gears, variable speed units and bearings.

HYDRATEK AW is water white in appearance, allowing the user to dye the hydraulic oil for rapid identification of potential leaks in hoses and machinery, therefore reducing machinery down time.

HYDRATEK AW should not be used in systems with silver or cadmium plated components.

TYPICAL PROPERTIES

ISO	32	46	68	100
Density @ 15°C	0.854	0.863	0.871	0.878
Viscosity @ 40°C (cSt)	32	46	68	100
Viscosity @ 100°C (cSt)	5.4	6.8	8.8	11.6
Viscosity Index	102	102	101	104
Closed Flash Point (°C)	215	220	230	234
Pour Point (°C)	-30	-27	-21	-18

PERFORMANCE CLASSIFICATIONS

ISO 6743/4: Hydraulic Oils Type HM

DIN: 51524 Part 2 HLP

Denison: HF-0, HF-1, HF-2

Cincinnati Lamb: P68, P69, P70

Eaton (Vickers): I-286-S; M-2950-S

Bosch Rexroth: RE90220

Swedish Standard: 15 54 34 AM

US Steel: 126, 127

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