



Premium AW Hydraulic Oils

Description

Our Premium AW Hydraulic Oils are high performance anti-wear hydraulic fluids designed to meet a wide range of hydraulic applications and requirements that require excellent anti-wear and oxidation stability. They are formulated using high grade virgin paraffin mineral oils coupled with outstanding oxidation, corrosion, and anti-wear. They provide outstanding protection and service life in high pressure systems.

Our Premium AW Hydraulic Oils have been designed to meet the stringent requirements of severe hydraulic systems using high pressure pumps. They have been blended to meet a wide range of demanding applications including high precision CNC machines, mining, and construction equipment.

Extreme Industrial Lubricants Premium AW Hydraulic Oils are manufactured to meet the requirements of the following specifications:

Denison HF-0, HF-1, HF-2
Eaton-Vickers I-286-S and M-2950-S
Cincinnati Machine P-68, P-69, P-70
US Steel 127
DIN 51524, Part 2

General Motors LH-03, LH-04, LH-06
Sauer Danfoss
Rexroth-Bosch
AFNOR E 48 603
More Not Listed

Advantages

- Designed For Severe Applications with High Pressure Pumps
- Extreme Thermal and Oxidation Stability
- Superior Hydrolytic Stability
- Excellent Demulsibility Performance
- Outstanding Rust Protection
- Lower Filter Blockage Tendency

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Premium AW Hydraulic Oil

(continued)

Typical Physical Properties

(Not for Specification Purposes)

Characteristic	AW 22	AW 32	AW 46	AW 68	AW 100	AW 150	AW 220
ISO Grade	22	32	46	68	100	150	220
Viscosity							
SUS @ 100°F	100	165	237	353	523	785	1150
SUS @ 210°F	40.5	44.2	49.0	55.5	65	80	94
cSt @ 40°C	22	32	46	68	100	150	220
cSt @ 100°C	4.2	5.35	6.73	8.41	11.4	14.5	18.5
Viscosity Index (ASTM D-2270)	98	98	98	97	98	96	96
Flash Point@°C (ASTM D-92)	>210	>215	>225	>240	>260	>265	>275
Specific Gravity (ASTM D-1298)	0.85	0.86	0.87	0.87	0.87	0.88	0.88
Pour Point, °C (ASTM D-2270)	-12	-12	-12	-12	-12	ND	ND
Copper Corrosion (ASTM D-130)	1b	1b	1b	1b	1b	1b	1b
Rust Test (ASTM D-665A)	Pass	Pass	Pass	Pass	Pass	Pass	Pass

Subject To Usual Manufacturing Tolerances

Disclaimer

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