



Sigma Hydraulic Oil-AW

Sigma Hydraulic Oil series is formulated from high base stocks and premium grade hydraulic oil additives package to provide excellent performance in most of the Hydraulic applications. It is resistant to oxidation and rust. Hydraulic Oil series is extremely efficient for hydraulic systems operating in low, high or varying ambient temperature. It ensures stable and smooth operations of hydraulic systems.

APPLICATION

This series are suitable for hydraulic systems of all designs. They are equally usable in industrial, marine and mobile services which operate at low, high or rapidly changing ambient temperature.

BENEFITS

- ◆ Prevents wear, rust and oxidation
- ◆ Superior usability
- ◆ Resists foaming
- ◆ Superior filterability



TYPICAL CHARACTERISTICS

TEST DESCRIPTION	METHOD	TYPICAL RESULTS			
		AW 32	AW 46	AW 68	AW 100
ASTM Color	ASTM D 1500	L 1.0	L 1.0	L 1.0	L 1.0
Specific Gravity at 15 deg.	ASTM D 1298	0.8918	0.8925	0.8783	0.8902
Viscosity at 40 deg.	ASTM D 445	32	46	68	100
Viscosity at 100 deg.	ASTM D 445	5.54	6.82	8.99	11.16
Viscosity Index	ASTM D 2270	99	97	102	99
Pour Point	ASTM D 97	-18	-18	-18	-20
Flash Point	ASTM D 92	229	231	236	240



Sigma Lubricants



Sigma Hydraulic Oil-AW

PERFORMANCE STANDARDS

Performance Profile

Hydraulic AW is capable of meeting the following specifications :

- ◆ Parker (formerly Denison) HF-0, HF-1, HF-2, (HM, HV)
- ◆ Eaton M- 2950-S and I-286-S3
- ◆ MAG P68, P69, P70 (HM, HV)
- ◆ DIN 51524-2 (HM); DIN 52524-3 (HV)
- ◆ ISO 11158 (HM, HV)
- ◆ ASTM D6158 (HM, HV)
- ◆ SAE MS 1004 (HM, HV)
- ◆ Bosch Rexroth RE 90220
- ◆ JCMAS P041 HK Hydraulic specification
- ◆ ANSI/AGMA 9005-E02-RO
- ◆ GM LS-2
- ◆ AIST 126, 127
- ◆ SEB 181222



Data Sheet

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