



chemlube
INTERNATIONAL LLC

PRODUCT DATA SHEET

Chemlube Premium AW Hydraulic Oil

Chemlube Premium AW Hydraulic oil is a high quality antiwear hydraulic fluid formulated from premium base stocks to provide superior water separation, antiwear protection, rust and thermal stability. Premium AW Hydraulic oil is recommended for use in a variety of high-pressure mobile and stationary hydraulic system utilizing vane, piston or gear pumps. Other suitable applications (of proper grade) include lubrication of machine tools, servo controls, metalworking equipment as light duty crankcase oils, circulating systems bearings/journal (anti friction) and gear cases. Chemlube Premium AW Hydraulic oils are recommended for the use in hydraulic equipment made by major manufactures, including Bosch, Eaton Vickers, Dennison Parker, Racine, Cincinnati Lamb, Lee-Norse and many others.

Meets Performance Requirements

Eaton Vickers M-2950-S, 1-286-S3
Racine var vol. Vane pumps
DIN 51524, Part 2 and 3
JCMAS P041 (HK)
AIST 126, 127
Denison Parker HF-0, HF-1, HF-2
Bosch RE 90 220

ISO 11158 (HM, HV)
Cincinnati Lamb P-68, P-69 & P-70
ANSI/AGMA 9005-E02-RO
ASTM D 6158 (HM, HV)
GM LS-2
SAE MS 1004 (HM, HV)

TYPICAL PROPERTIES PREMIUM AW HYDRAULIC OIL

Test	Method	AW32	AW46	AW68
API Gravity	ASTM D4052	32.1	31.7	30.2
Viscosity, cSt @40°C	ASTM D445	30.0	47.6	67.3
Viscosity, cSt @100°C	ASTMD445	5.3	7.0	8.7
Viscosity index	ASTM D2270	109	103	101
Pour Point °C (°F)	ASTM D97	-30 (-22)	-30 (-22)	-30 (-22)
Flash Point, °C (°F)	ASTM D92	216 (420)	216 (420)	216 (420)
Rust	ASTM D665	Pass	Pass	Pass
Oxidation Stability	ASTM D-943 Min Hrs.	5000	5000	5000

NOTE: Values are typical only. Due to ongoing research, development and product improvement, product formulas are subject to change without notice. Chemlube International cannot know all the uses and conditions to which this product may be subjected, therefore it is the user's responsibility to ascertain that it is suitable for any intended use or application.

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