



chemlube
INTERNATIONAL LLC

PRODUCT DATA SHEET

Chemlube Premium AW Hydraulic Oil

Chemlube Premium AW Hydraulic oils are high quality antiwear hydraulic fluids formulated from premium base stocks to provide superior water separation, antiwear protection, rust and thermal stability. Premium AW Hydraulic oils are 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)

PREMIUM AW HYDRAULIC OILS TYPICAL PROPERTIES

TEST	METHOD	AW 32 Code 20032	AW 46 Code 20046	AW 68 Code 20068	AW 100 Code 20100
API Gravity	ASTM D4052	32.1	31.7	30.2	30.0
Viscosity, cSt @ 40° C	ASTM D445	30.0	47.6	67.3	96.3
Viscosity, cSt @ 100° C	ASTM D445	5.3	7.0	8.7	10.9
Viscosity Index	ASTM D2270	109	103	101	98
Flash Point ° C(F)	ASTM D92	216(420)	216(420)	216(420)	216(420)
Pour Point ° C	ASTM D97	-30(-22)	-30(-22)	-30(-22)	
Color	ASTM D1500	L1.0	L1.5	L1.5	L2.0
Zinc, ppm	Spectrometer	5000	500	500	500
Oxidation Stability	ASTM D943 Min. hrs	5000	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.

Contact: Chemlube International LLC, 500 Mamaroneck Avenue, Harrison, NY 10528 USA
Tel: +1-914-381-5800; fax: +1-914-381-8988 E-mail: info@chemlube.com., www.chemlube.com