



## 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 Commercial Hydraulics, Jeffrey, Sperry Vickers, Hagglunds-Dennison, Racine, Cincinnati Machine, Lee-Norse and many others.

### Meets Performance Requirements

- Vickers M-2950-S, 1-286-S3
- Racine var vol. Vane pumps
- AFNOR E 48-603
- DIN 51524, Part 2
- U.S. Steel 136,127
- Lee-Norse, 100-1
- Denison HF-1, HF-2, HF-0
- Jeffrey No. 87
- Ford M-6C32
- Cincinnati Machine P-68 (AW32) P-70 (AW46) & P-69 (AW68)
- AGMA 1 (AW 46), 2 (AW68)
- GM LH-04-1, LH-06-1, LH-15-1

### PREMIUM AW HYDRAULIC OIL TYPICAL PROPERTIES

Typical Properties	AW32	AW46	AW68
<b>API Gravity</b>	33.4	31.7	30.2
<b>Viscosity, Kinematic cSt @40° C</b>	30.0	47.6	67.3
<b>Viscosity, Kinematic cSt @100° C</b>	5.3	7.0	8.7
<b>Viscosity index</b>	109	103	101
<b>Pour Point° C</b>	-30 (-22)	-30 (-22)	-30 (-22)
<b>Sulfated Ash, wt% mass ° C</b>	0.10	0.10	0.10
<b>Flash Point, ASTM D92 ° C (°F)</b>	216 (420)	216 (420)	216 (420)
<b>Rust ASTM D665 A&amp;B</b>	Pass	Pass	Pass
<b>Oxidation Stability, ASTM D-943 Min Hrs</b>	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 can not know all the uses this product may be subject to so it is the user's responsibility to ascertain that it is suitable for an intended use or application.

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