

**Name:** Val-Lube AW Hydraulic Oils  
**Revision Date:** 7/13/2018 – R2

ValCool, LLC  
5230 Brittmoore Rd  
Houston, TX 77041

**VAL-LUBE AW HYDRAULIC OILS**  
ANTI-WEAR HYDRAULIC OIL FOR INDUSTRIAL APPLICATIONS

**DESCRIPTION**

VAL-LUBE AW Hydraulic Oils are general purpose hydraulic fluids formulated with refined paraffinic base oils to provide excellent anti-wear protection, oxidation and corrosion inhibition, as well as foam and aeration suppression. All grades have excellent demulsibility characteristics. Specially formulated to suppress foaming while also allowing rapid air release, improving hydraulic system performance and helping to prevent pump cavitation. Oxidation inhibitors provide control of sludge and varnish deposits, and increase service life. Val-Lube AW Hydraulic Oils provide excellent service in hydraulic systems and air compressors, industrial bearings, hoists and machine tools, and circulating, splash, bath and ring lube systems for bearings and gears.

**FEATURES & BENEFITS**

- Premium anti-wear hydraulic oil inhibits rust, corrosion and oxidation
- Remains stable when exposed to moisture and at extreme temperatures
- Good foam inhibition
- Meets the requirements of leading hydraulic pump manufacturers for anti-wear type hydraulic fluids in both vane- and piston-type pumps
- Demulsifying additive to help separate water rapidly.
- Longer pump life due to outstanding wear protection in a wide variety of in-plant and mobile equipment.
- Excellent thermal stability

**TYPICAL PROPERTIES**

	Val-Lube AW 32	Val-Lube AW 46	Val-Lube AW 68
API Gravity @ 60°F	29.0	28.5	28.0
Viscosity @ 40°C, cSt	32.0	46.0	68.0
Viscosity @ 100°C, cSt	6.52	7.68	10.40
Viscosity Index	163	151	155
Flash Point °F	350	390	390
Pour Point °F	-49	-45	-40
Low Temperature Pumpability	Pass	Pass	Pass
Dielectric, min. KV	+35	+35	+35
Rust Test	Pass	Pass	Pass
ISO/DIS 4406, min rating	16/14/11	16/14/11	16/14/11
Color, ASTM D-1500	2.0 max	2.0 max	2.0 max
Oxidation Life, ASTM 943, Hrs.	5000	5000	5000

**PRODUCT APPROVALS**

Val-Lube AW Hydraulic Oils meet or exceed one or more of the following specifications:

- Eaton-Vickers 35VQ25A for M-2950-S (Mobile)
- and I-286-S (Stationary)
- Bosch Rexroth Racine Model S
- Parker Hannifin (Denison) HF0/HF2/T6H20C
- Meets ASTM D6158 HM
- Meets DIN 51524-2
- Meets ISO 11158 L-HM

**HEALTH & SAFETY**

See the most recent SDS which is available directly from Valcool, LLC, your local salesman, or authorized distributor. Valcool, LLC uses only raw materials not listed as carcinogenic by IRAC.