



Lotus Lubes™ AW Hydraulic Oil

PRODUCT DESCRIPTION

LOTUS Lubes™ Hydraulic AW Oils are high-performance hydraulic fluids formulated from select base stocks and advanced additive technology to deliver ultimate equipment protection and extended operating life.

LOTUS Lubes™ Hydraulic AW Oils contain active anti-wear agents, anti-oxidation, anti-corrosion, anti-rust and anti-foam additive components. These performance characteristics protect hydraulic driven pumps, lines, and controls against rust, corrosion, wear, and oil oxidation. **LOTUS Lubes™ Hydraulic AW Oils** also exhibit excellent demulsification (water separation) properties, even at high operating temperatures.

FEATURE & BENEFITS

- * Outstanding wear protection
- * Excellent resistance to system rust and oil oxidation
- * Maintains excellent water separating properties
- * Excellent foam control and air release deliver consistent system operation
- * Formulated with premium base stocks for added resistance to thermal breakdown
- * Provides active anti-wear agents to protect critical system components
- * Excellent oxidation stability
- * Special dispersants provide resistance to system rust and corrosion
- * Consistent product color and clarity



TYPICAL PHYSICAL PROPERTIES

ISO Grade	32	46	68	100
Lbs./Gallo	7.2	7.2	7.2	7.3
Pour Point °C (°F)	-32 (-25)	-30 (-22)	-29 (-20)	-23 (-10)
Flash Point, °C (°F)	200 (392)	200 (392)	210 (410)	220 (428)
Oxidation Hrs, ASTM D 943	>3000	>3000	>3000	>3000
Viscosity Index	95	95	95	90
Viscosity cSt @ 40°C	31.8	45.9	68.0	100.2
Viscosity cSt @ 100°C	5.5	6.9	7.7	9.7
Gravity, API	29.0	28.5	28.0	27.0

Minor variations in typical physical properties may occur from normal manufacturing processes

APPLICATIONS

Recommended for hydraulic pumps and hydraulic and high-pressure circulating systems requiring:

- * **Parker Hannifin (Denison) HF-O, HF-1, HF-2, & T6H2OC**
- * **Eaton Vickers 35VQ25A Pump, M-2950-S, & I-286-S**
- * **Cincinnati Milacron P-68, P-69, & P-70**
- * **DIN 51524-2**