



Starfire® AW Hydraulic Oil

Starfire 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.

Starfire 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. Starfire Hydraulic AW Oils also exhibit excellent demulsification (water separation) properties, even at high operating temperatures.

EQUIPMENT 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



PRODUCT FEATURES

- 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

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

Starfire® AW Hydraulic Oil				
Typical Physical Properties				
ISO Grade	32	46	68	100
Lbs./Gallon	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