PURAMAX Premium Silicone Free AW

PURAMAX Premium Silicone Free AW Oils are high viscosity index anti-wear hydraulic fluids designed to provide optimum fluid performance over a wide-range of operation temperatures. These superior characteristics protect pumps, lines and controls against wear, rust and corrosion.

Formulated from premium base oils and advanced performance additives. PURAMAX Premium Silicone Free AW Oils are designed for ultimate equipment protection and extended-life applications as characterized by a 5,000 plus hour ASTM D-943 oxidation stability test. A blend of synthetic hydrocarbon and polyacrylate technology is used in place of traditional silicone polymer foam suppressants.

APPLICATIONS

- *Hydraulic systems (including high-flow and heavy-load applications) where an anti-wear fluid is required*
- *High-pressure circulating systems*
- *Systems subjected to high-temp & high-pressure operating environments*

FEATURES AND BENEFITS

- *Silicone Free Antifomant for equipment or facilities that require no silicone*
- *Extended fluid service intervals*
- *Ultimate equipment protection and service life*
- *Excellent demulsification (water separation) properties*
- *Maximum protection for sensitive servo valves*
- *Smooth hydraulic operation*
- *Superior wear protection for hydraulic pumps and lines*
- *Excellent rust, corrosion and foam protection*
- *Outstanding oxidation stability*

RECOMMENDED PERFORMANCE SPECIFICATIONS

Meets the requirements of all major pump manufacturers

- *Denison HF-O, HF-1, HF-2*
- *Sperry Vickers M-2950-S & I-286-S*
- *Cincinnati Milacron P-68, P-69, P-70*

PURAMAX Premium Silicone Free AW Oils
Typical Characteristics

ISO Grade	ASTM-D	32	46	68	100
Gravity, °API	1298	31.6	30.4	29.6	29.0
Pour Point,°C/°F	97	-37/35	-36/33	-30/-22	-28/-11
Flash Point,°C/°F	92	204/400	207/405	230/446	235/455
Oxidation Hrs.	943	>5000	>5000	>5000	>5000
Viscosity Index	2270	110	110	108	106
Viscosity cSt @ 40°C	445	30.4	46.8	66.0	100.2
Viscosity cSt @ 100°C	445	5.26	7.0	8.4	11.1
Color	1500	0.5	1.0	1.5	1.5

Minor variations in test data are to be expected in normal manufacturing