



PURAMAX Premium 5000+ Hydraulic AW Oils

PURAMAX Premium 5000+ Hydraulic 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 5000+ Hydraulic 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.

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

- 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
- DIN 51524-2

PURAMAX 5000+ Hydraulic 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/-18
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