



PURAMAX Zinc Free AW 32

PURAMAX Zinc Free AW 32 is a non-zinc containing antiwear hydraulic oil for use in high and low pressure mobile and industrial applications. Developed as an alternative to zinc containing hydraulic fluids, it is designed to minimize environmental impact. The zinc free formulation makes it ideal for applications involving yellow metals found in hydraulic systems.

Formulated with premium base oils and an ashless (zinc free) additive system. It contains a unique combination of phosphorus, sulfur, antiwear and friction modifying chemical components as well as a combination of metal passivator, demulsifiers, rust inhibitor and defoamer for long fluid life.

APPLICATIONS

- Recommended for vane, gear, and piston pumps operating over 1000 psi
- Machine tools, presses, die casting and injection molding machines
- Lubricates plain and anti-friction bearings, lubricators, reciprocating air compressors and moderately loaded gear sets
- Environmentally sensitive areas such as parks, bodies of water, recreational areas, amusement parks, ski resorts, in-ground lifts and equipment operating in populated areas.
- Zinc free/ashless formulation makes it ideal for applications involving yellow metals found in piston pumps

FEATURES AND BENEFITS

- Meets all major pump manufacturers like Vickers, Denison, Racine, Sunstrand, Dynex, Cincinnati Milacron, etc.
- Versatile industrial oil for numbers applications
- Optimum wear protection for hydraulic pumps and motors
- Excellent rust and corrosion protection
- Outstanding oxidation stability

RECOMMENDED PERFORMANCE SPECIFICATIONS

- AFNOR NFE 48-603HM
- BOSCH, variable volume vane pumps
- Cincinnati Milacron P-68, P-69, P-70
- DIN 51524 Part 2
- Eaton Vickers I-286-S & M-2950-S
- General Motors LS-2 LH-03/LH-04/LH-06
- Parker-Hannifin France HF-1/HF-2/HF-0

PURAMAX Zinc Free Hydraulic AW Oil 32		Typical Characteristics	
ISO Grade	ASTM-D	32	
Gravity, °API	1298	30.0	
Pour Point, °F	97	25.0	
Flash Point, °F	92	390	
Oxidation Hrs.	943	>5500	
Viscosity Index	2270	105	
Viscosity cSt @ 40°C	445	30.2	
Viscosity cSt @ 100°C	445	5.2	
Neut. No.	974	0.55	
Rust Test	665- A&B	Pass	
Demulsibility	1401	Pass	
Dielectric Strength	877	30KV+	

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