

PURAMAX Zinc Free AW 46

PURAMAX Zinc Free AW 46 is non-zinc containing antiwear hydraulic oil for use in high and low pressure mobile and industrial applications. Developed as an alternative to Zn 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, Etc.
- Versatile industrial oil for numerous 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 AW 46		Typical Characteristics
	Test Method	ISO Viscosity Grade
		46
Gravity, °API	1298	31.1
Flash Point, COC °C/°F	92	>221/ >430
Pour Point, °C/°F	97	-3
Viscosity		
cSt @ 40 °C	445	46
cSt @ 100 °C	445	6.74
Viscosity Index	2270	101
Oxidation Life Hours	943	>3300

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