



## **PURAMAX Multi-Viscosity AW Hydraulic Oils**

**PURAMAX Multi-Vis AW Hydraulic Oils are premium quality anti-wear hydraulic fluids for use in mobile and industrial equipment operating in a wide range of operating temperatures. They provide outstanding low temperature characteristics for applications such as cherry pickers, bucket trucks and marine hydraulics that encounter wide temperature ranges.**

PURAMAX Multi-Vis AW Hydraulic Oils are formulated with highly refined paraffinic base oils and fortified with oxidation, corrosion and foam inhibitors. A VI improver has been added to provide an extremely high viscosity index which allows this product to be used in hydraulic systems that are subject to wide ambient and system operating ranges.

### **APPLICATIONS**

- Designed for all-season use
- Cherry pickers, bucket trucks and marine hydraulics
- Hydraulic systems in construction, agricultural and industrial equipment
- Systems subjected to high-temp & high-pressure operating environments

### **FEATURES AND BENEFITS**

- Extended fluid service intervals
- Ultimate equipment protection and service life
- High viscosity index provides excellent hydraulic response at both high and very low ambient temperatures
- Excellent anti-wear protection for pumps, motors, valves and additional hydraulic circuit components
- Foam inhibited to prevent pump cavitation
- Oxidation inhibited to prevent oil thickening

### **RECOMMENDED PERFORMANCE SPECIFICATIONS**

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

<b>PURAMAX Multi-Vis AW Hydraulic Oils Typical Characteristics</b>				
<b>ISO Grade</b>	<b>ASTM-D</b>	<b>32</b>	<b>46</b>	<b>68</b>
Gravity, °API	1298	30.8	30.5	30
Viscosity cSt @ 40 °C	445	34.5	46.7	68.5
Viscosity cSt @ 100 °C	445	6.7	8.3	11
Viscosity Index	2270	155	154	152
Flash Point, (COC) °F	92	370	400	425
Pour Point, °C (°F)	97	-40(-40)	-37(-35)	-34(-30)
Neut. No.,	974	0.55	0.55	0.55
Dielectric Strength	877	32 Kv	35 Kv	37 Kv
Rust Test	665A	No Rust	No Rust	No Rust
RBOT, Minutes.	2272	900+	900+	900+
Appearance	Visual	Clear	Clear	Clear

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