



WP AW Hydraulic Oil ISO 32, 46, 68

WP AW Hydraulic Oil ISO 32/46/68 is a quality anti-wear hydraulic fluid which provides cost effective and reliable protection and performance in most industrial and mobile applications.

<p>Performance, Features & Benefits Resists oxidation in presence of air, water and copper therefore offering good oil life and deposit control in hydraulic systems.</p> <p>Good anti-wear performance Formulated with proven anti-wear technology to be effective throughout the range of operating conditions, including low and severe duty high load conditions to protect components like pumps etc.</p> <p>Good air release and anti-foam properties Good surface properties to ensure quick air release while ensuring foam control in the system.</p> <p>Good water separation Good demulsibility to resist formation of water-in-oil emulsions and prevent consequent damage to pump and hydraulic system components. Meets cleanliness requirement of ISO 4406 class 21/19/16.</p> <p>Main Applications</p> <p>Industrial hydraulic systems Suitable for a wide range of hydraulic power applications found in industrial environments.</p> <p>Mobile hydraulic fluid power transmission systems WP AW Hydraulic Oil fluids can be used in mobile hydraulic power applications such as excavators and cranes.</p> <p>Operating under moderate duty cycles, except where significant ambient temperature variations are encountered.</p>	<p>Specifications, Approvals & Recommendations</p> <ul style="list-style-type: none">• ISO 11158 HM Fluid• DIN 51524-2 HLP <p>For a full listing of equipment approvals and recommendations, please consult your local WP Representative.</p> <p>Compatibility & Miscibility WP AW Hydraulic Oil fluids are suitable for use with most Hydraulic pumps. However, please consult your WP representative before using in pumps containing silver plated components.</p> <p>Fluid Compatibility WP AW Hydraulic Oil fluids are compatible with most other mineral oil based Hydraulic fluids. However, mineral oil Hydraulic fluids should not be mixed with other fluid types (e.g. environmentally acceptable or fire resistant fluids).</p> <p>Seal & Paint Compatibility WP AW Hydraulic Oil fluids are compatible with seal materials and paints normally specified for use with mineral oils.</p>
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Typical Physical Characteristics

Properties			Method	ISO 32	ISO 46	ISO 68
ISO FLUID TYPE				HM	HM	HM
KINEMATIC VISCOSITY	@40°C	cSt	ASTM D445	32	46	68
KINEMATIC VISCOSITY	@100°C	cSt	ASTM D445	5.3	6.7	8.6
VISCOSITY INDEX			ISO 2909	96	97	97
DENSITY	@15°C	Kg/L	ISO 12185	0.869	0.873	0.875
FLASH POINT (COC)		°C	ISO 2592	215	230	240
POUR POINT		°C	ISO 3016	-18	-15	-12

These characteristics are typical of current production. Whilst future production will conform to manufacturers specification, variations in these characteristics may occur.

Health, Safety & Environment

- **Health and Safety**

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Safety Data Sheet, which can be obtained from www.WestPier.ca

- **Protect the Environment**

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Additional Information

- **Advice**

Advice on applications not covered here may be obtained from your WP representative.