

# MAG 1® AW ISO 32 HYDRAULIC OIL

ANTI-WEAR HYDRAULIC OIL INDUSTRIAL LUBRICANTS AND GREASES

**Featuring FMX® Technology – Friction Management for Xtreme protection™. MAG 1® provides unsurpassed protection and performance.**

MAG 1® AW ISO 32 Hydraulic Oil is designed to help improve uptime, reduce costs and increase productivity. Formulated to provide 5,000 hours of oxidation stability. Our hydraulic oils offer energy-efficient benefits and improved performance across a wide range of temperatures. They specifically designed to meet the demands of high-pressure, industrial and mobile equipment hydraulic systems.

## POWERFUL ANTI-FRICTION, ANTI-WEAR CHEMISTRY

MAG 1® provides outstanding control of friction and wear. Advanced molecules bond together to create a wear-resistant shield that works to build barriers that reduce friction and wear.

## WITHSTANDS THE MOST EXTREME CONDITIONS

MAG 1® Anti-Wear Hydraulic Oils provide unsurpassed protection even in the harshest conditions to fight oxidation, separate air and water and improve filtration.

## ***EVOLUTIONARY PERFORMANCE™***

OEMs continue to evolve equipment designs and industrial operating conditions are becoming more severe as power density and other factors increase stresses. One brand has evolved right alongside today's equipment – MAG 1®.

## ANTI-WEAR HYDRAULIC OILS FEATURING FMX® TECHNOLOGY AND ***EVOLUTIONARY PERFORMANCE™***

The latest MAG 1® Anti-Wear Hydraulic Oils are specially engineered and formulated to provide:

### PERFORMANCE

- Extra protection for equipment life and reliability.
- Excellent varnish control and cleanliness.

### STRENGTH

- Outstanding wear and corrosion protection.

### DURABILITY

- Formulated to provide 5,000 hours of oxidation stability.
- Optimized maintenance cost and uptime.

### INDUSTRY/OEM SPECIFICATIONS



<b>ASTM D6158</b>	Meets Requirements
<b>Eaton E-FDGN-TB002-E, 35VQ25A</b>	Meets Requirements
<b>Bosch Rexroth</b>	Suitable for Use
<b>Cincinnati/MAG IAS P-68</b>	Suitable for Use
<b>DIN 51524, Part 1,2,3</b>	Suitable for Use
<b>General Motors LS-2</b>	Suitable for Use
<b>JCMAS HK</b>	Suitable for Use
<b>Parker Denison HF-0, HF-1</b>	Suitable for Use
<b>Parker Denison HF-2</b>	Suitable for Use
<b>Racine</b>	Suitable for Use
<b>Sperry Vickers/Eaton I-286-S, M-2950-S</b>	Suitable for Use
<b>US Steel 127, 136</b>	Suitable for Use

## TYPICAL PROPERTIES

<b>Calcium, wt. %</b>	ASTM D5185	0.003
<b>Color</b>	ASTM D1500	0.5
<b>Flash Point °C</b>	ASTM D92	210
<b>Flash Point °F</b>	ASTM D92	410
<b>Gravity, °API</b>	ASTM D287	32.44
<b>Oxidation Hours</b>	ASTM D943	5000
<b>Phosphorus, wt. %</b>	ASTM D5185	0.033
<b>Pour Point °C (°F)</b>	ASTM D5950	-39°C (-38°F)
<b>Specific Gravity @ 60°F (15.6°C)</b>	ASTM D4052	0.8631
<b>Sulfur, wt. %</b>	ASTM D4951	0.065
<b>Vapor Pressure at 20°C</b>		<0.013 kPa at 20°C
<b>Viscosity @ 100°C cSt</b>	ASTM D445	5.55
<b>Viscosity @ 40°C cSt</b>	ASTM D445	32.11
<b>Viscosity Index</b>	ASTM D2270	110
<b>Zinc, wt. %</b>	ASTM D5185	0.041

## CONTAINER/BULK AVAILABILITY

<b>2/2.5 Gallon</b>	Product Number - 00322
<b>3/1 Gallon</b>	Product Number - 00326
<b>55 Gallon Drum</b>	Product Number - 62861
<b>5 Gallon Pail</b>	Product Number - 00325

Available in Bulk

Information accurate as of June 6, 2022