



DURAGARD® IS A REGISTERED TM OF ADVANTAGE DIST. LLC, ROCH., MN 55904 Product Code: DURINDHZA32

# DURAGARD®

## **INDUSTRIAL AW-32 HIGH ZINC HYDRAULIC OIL**

**ADVANCED TECHNOLOGY, PREMIUM LUBRICANTS**

**DURAGARD® DIAMOND PLATE® Industrial AW-32 High Zinc Hydraulic Oil** is a premium quality, HVI-MV Group-II Hydro cracked anti-wear hydraulic oil designed to meet the requirements of fluid power / hydraulic systems. It is formulated with select 100% HVI-MV Group-II Hydro cracked clear base oils that provide superior low temperature fluidity and high temperature film strength that simply cannot be achieved using conventional mineral base oils.

The formulation uses a proven anti-wear additive system that is effective in reducing wear in pumps. Duragard® Industrial High Zinc AW-32 also has excellent water separation, rust and corrosion prevention, oxidation stability, and anti-foam properties. The true multi-viscosity, broad temperature feature allows even and continuous power transmission over a wider temperature range with increased accuracy compared to single weight hydraulic oils.

**DURAGARD® DIAMOND PLATE® Industrial AW-32 High Zinc Hydraulic Oil** meet or exceed the requirements similar to Denison HF-0/T6C, HF-0/T5D, HF-2, Vickers I-286-S, M-2950-S, Racine Model S, Cincinnati Machine P68/ ISO-32 (formerly Cincinnati Milacron).

### **Customer Benefits with DURAGARD® DIAMOND PLATE PROTECTION®**

- \* Exceptional protection against wear from contaminants and higher operating temperatures and pressures ensures longer equipment life.
- \* Maintains viscosity, even under higher operating temperatures, and has sufficient reserve of key additives, resulting in longer fluid life and reduced operating costs.
- \* Reduced foaming ensures smooth, efficient operation and proper lubrication of all parts in the system.

### **Product Containers Available:**

Bulk \* 55 gal. \* 30 gal. \* 5 gal. pails \* 2.5 gal/2pk \* 1 gal/4pk

### Typical Physical Specifications:

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INSPECTION INFORMATION	TEST METHOD	TYPICAL VALUE
Gravity API	ASTM D287	31.61
Specific Gravity @60°F (15.6°C)	ASTM D4052	0.8657
Flash Point °C	ASTM D92	207
Flash Point °F	ASTM D92	405
Viscosity @ 40°C cSt	ASTM D445	31.76
Viscosity @ 100°C cSt	ASTM D445	6.458
Viscosity Index	ASTM D2270	162
Pour Point °C (°F)	ASTM D5950	-51 °C (-60 °F)
Color	ASTM D1500	0.5
Zinc, wt. %	ASTM D5185	0.926
Phosphorus, wt. %	ASTM D5185	0.0746
Calcium, wt. %	ASTM D5185	0.0063
Oxidation Hours	ASTM D943	6000

Typical test data average values only, minor variations which do not affect product performance are to be expected during normal manufacturing.

**READ ENTIRE SDS BULLETIN FOR HANDLING AND SAFETY INFORMATION**

# ADVANTAGE

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