



DURAGARD® IS A REGISTERED TM OF ADVANTAGE DIST. LLC, ROCH., MN 55904 **Product Code:** DURHZAW32

DURAGARD®

AW-32 HIGH ZINC HYDRAULIC OIL

ADVANCED TECHNOLOGY, PREMIUM LUBRICANTS

DURAGARD® **DIAMOND PLATE**® **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® 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**® **AW-32 High Zinc Hydraulic Oil** meet or exceed the requirements similar to Denison HF-0/T6C, HF-O/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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