



DURAGARD®

AW-32 HIGH ZINC HYDRAULIC OIL

HIGH PRESSURE - ANTI-WEAR

Duragard® AW-32 High Zinc Hydraulic Oil is a premium quality, HVI-MV Group-II Hydro cracked anti-wear hydraulic oils 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 can not 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® AW-32 High Zinc Hydraulic Oil 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.

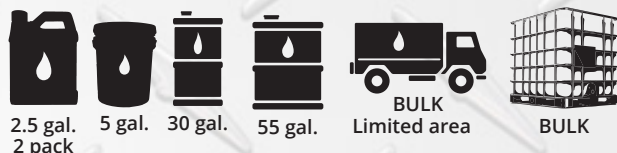
Customer Benefits with DIAMOND PLATE PROTECTION®

- * 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 Code: DURAW32HZ

Product Containers Available:



www.duragardoil.com

Made in USA with domestic and imported products.

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Diamond Plate Protection®

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Rev 04/2020 PG-1



Application Specifications:

This product meets, or exceeds the requirements similar to the following manufacturers and global specifications:

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

Typical Physical Specifications:

ISO 32

Product Code: DURAW32HZ

| INSPECTION INFORMATION | TEST METHOD | TYPICAL VALUE |
|---------------------------------|-------------|--------------------|
| Gravity API | ASTM D287 | 32.44 |
| Specific Gravity @60°F (15.6°C) | ASTM D4052 | 0.8631 |
| Flash Point °C (°F) | ASTM D92 | 210 (410 °F) |
| Viscosity @ 40°C cSt | ASTM D445 | 31.76 |
| Viscosity @ 100°C cSt | ASTM D445 | 6.458 |
| Viscosity Index | ASTM D2270 | 110 |
| Pour Point °C (°F) | ASTM D5950 | -39 °C (-38 °F) |
| Oxidation Hours | ASTM D943 | 5000 |
| Color | ASTM D1500 | 0.5 |
| Zinc, wt. % | ASTM D5185 | 0.410 |
| Phosphorus, wt. % | ASTM D5185 | 0.033 |
| Calcium, wt. % | ASTM D5185 | 0.0003 |
| Sulfur, wt. % | ASTM D4951 | 0.065 |
| Vapor Pressure @ 20°C | ASTM D2270 | <0.013 kPa at 20°C |

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

#1 In Customer Service And Technical Support

ADVANTAGE

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