

HYDAX HYDRAULIC AW LZ RANGE

Mineral oil based anti-wear hydraulic oil

Product Description

The Hydax AW LZ range of hydraulic fluids is manufactured from highly refined base stocks which possess good oxidation resistance and thermal stability. They are fortified with carefully selected additives to further improve performance characteristics including anti-corrosion to protect the system should water be present, anti-wear to reduce wear in pumps used in hydraulic systems, anti-oxidants and anti-foam.

Product Specifications

DIN 51524 Part 2, category HLP
 ISO 6743/4, category HM
 Denison HF-2 TP-02100 Filterability Test
 Sperry Vickers M-2950-S I-286-S
 Afnor NF E 48-600
 Thyssen TH N-256132
 US Steel 127 S
 EB 181.222
 VDMA 24318

Benefits

- Incorporates inhibitors for protection against all forms of corrosion
- Good anti-foaming and air release properties
- Good demulsification characteristics
- Excellent anti-wear performance
- High oxidation resistance and thermal stability
- Suitable for the majority of hose materials

| TYPICAL CHARACTERISTICS | METHODS | UNITS | HYDRAULIC AW LZ RANGE | | | | | | |
|-------------------------|----------|--------------------|-----------------------|-------|-----|-----|-----|------|------|
| | | | 10 | 22 | 32 | 46 | 68 | 100 | 150 |
| Appearance(visual) | Internal | - | Clear liquid | | | | | | |
| Density at 15 °C | ISO 3675 | kg/m ³ | 0.850 | 0.860 | 854 | 858 | 862 | 866 | 876 |
| Viscosity at 40°C | ISO 3104 | mm ² /s | 10 | 22 | 32 | 46 | 68 | 100 | 150 |
| Viscosity at 100°C | ISO 3104 | mm ² /s | 2.7 | 4.5 | 5.7 | 7.2 | 9.3 | 11.9 | 15.3 |
| Viscosity index | ISO 2909 | - | 116 | 115 | 115 | 113 | 110 | 108 | 103 |
| Cleveland flash point | ISO 2592 | °C | 162 | 195 | 215 | 220 | 224 | 228 | 231 |
| Pour point | ISO 3016 | °C | -50 | -45 | -33 | -32 | -31 | -27 | -30 |

Above characteristics are mean values and given as information.