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Sector: Industrial

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Millmax HV ZF 15

Millmax HV ZF 15 is a premium ashless hydraulic oil, specifically engineered for the most demanding modern hydraulic systems, ensuring smooth and efficient equipment operation. With excellent cold flow properties and a high viscosity Millmax HV ZF 15 is the perfect choice for hydraulic applications requiring this type of fluid.

Application

Suitable for use in hydraulic brake systems and precision machine tools requiring a zinc free ISO VG 15 HVLP fluid.

Features & Benefits

- High viscosity index provides stable performance despite temperature swings, leading to better energy efficiency.
- Excellent compression resistance results in maximum power transfer.
- Ashless anti-wear protection safeguards components, which in turn extends equipment service life.
- Thermal and oxidation stability helps maintain system cleanliness during long operational times.
- Low-foaming composition reduces air pockets (aeration and cavitation), guaranteeing reliable power delivery.
- Demulsifying action stops water from mixing in, eliminating the risks of rust, corrosion, and poor lubrication.
- Seal and elastomer compatibility promotes their integrity, reducing the frequency of maintenance.

Performance Profile

- DIN 51524-3 (HVLP)
- ISO 11158 (HV)
- SAE MS 1004
- GB 11118.1-2011 (HV)
- ISO 20763 Vane Pump Test

Typical Characteristics

Density @ 15°C, g/ml	0.834
KV @ 40°C, cSt	15.8
KV @ 100°C, cSt	4.59
Viscosity Index	234
Pour point, °C	≥-35°C
Flash point, °C	≥150°C