

Product code: 5544

Sector: Industrial

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Millmax HV ZF 46

Millmax HV ZF 46 is a high-quality ashless hydraulic oil designed for the toughest modern hydraulic systems, helping equipment run smoothly and efficiently. Meeting strict standards such as Fives Cincinnati P70, Millmax HV ZF 46 protects equipment and helps prevent downtime.

Application

Suitable for use in a wide range of applications including industrial hydraulic systems, mobile equipment, injection moulding machines, mining and quarrying, and forestry and agricultural equipment.

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)
- ASTM D6158
- SAE MS 1004
- GB 11118.1-2011
- Fives Cincinnati P70

Typical Characteristics

Density @ 15°C, g/ml	0.857
KV @ 40°C, cSt	45.9
KV @ 100°C, cSt	8.4
Viscosity Index	163
Pour point, °C	≥-40°C
Flash point, °C	≥220°C