

TECHNICAL DATA SHEET



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Sector: Industrial

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Millmax HV 32

Millmax HV 32 is a premium anti-wear hydraulic oil, specifically engineered to perform in the most demanding of modern hydraulic systems, promoting smooth and efficient equipment operation. Meeting the performance of stringent OEM specifications such as Bosch Rexroth RDE 90235 and Parker HF-0, Millmax HV 32 ensures equipment is protected and downtime is prevented.

Application

Suitable for use in a wide range of applications including industrial hydraulic systems, mobile equipment, injection moulding machines and CNC machinery.

Features & Benefits

- Very high viscosity index ensures consistent fluid performance across a range of temperatures, whilst improving energy efficiency.
- Exceptional resistance to compression ensures efficient power transfer.
- Zinc-based anti-wear properties protect components, extending equipment lifespan.
- Superior thermal and oxidation stability maintains system cleanliness over time.
- Low-foaming formula minimises aeration and cavitation, ensuring consistent power transfer.
- Demulsification prevents water contamination, reducing the risk of rust, corrosion, and decreased lubricity.
- Compatible with elastomers and seals, enhancing seal life and reducing maintenance requirements.

Performance Profile

- DIN 51524-3 (HVLP)
- ISO 11158 (HV)
- ASTM D6158
- SAE MS 1004
- GB 11118.1-2011
- JCMAS P041 HK
- GM LS-2
- AIST 126, 127
- SEB 181222
- Bosch Rexroth RDE 90235
- Parker HF-0, HF-1, HF-2
- Eaton E-FDGN-TB002-E
- Fives Cincinnati P68

Typical Characteristics

Density @ 15°C, g/ml	0.847
KV @ 40°C, cSt	32.0
KV @ 100°C, cSt	7.0
Viscosity Index	182
Pour point, °C	≥-30°C
Flash point, °C	≥215°C