

TECHNICAL DATA SHEET



Product code: 5544

Sector: Industrial

Issue No: 1

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Millmax HV ZF 46

The Millmax HV ZF ash-less hydraulic oil offers reliable protection against corrosion and wear for systems subject to temperature variations e.g. outdoor equipment, allowing maximised power transfer for efficiency in industrial applications.

Application

Use as received in hydraulic and fluid power systems where a high viscosity index and zinc-free-formulation is required.

Features & Benefits

- High viscosity index ensures consistent performance across a wide temperature range.
- Incompressibility provides effective power transfer in hydraulic systems.
- Anti-wear properties protect equipment for longer component life.
- Good thermal and oxidation stability for extended cleanliness.
- Zinc-free formulation gives good protection of silver and yellow metal components, as well as low-ash for reduced environmental impact.
- Low foaming formulation minimises aeration and cavitation for consistent power transfer.
- Good compatibility with elastomers and seals for longer seal life and reduced maintenance.

Performance Profile

- DIN 51524 Part 2 & Part 3
- ISO 6743/4 HM, ISO 11158 HM
- AFNOR NF E 48-603
- SS 155434
- VDMA 24318
- SEB 181 222
- U.S. Steel 127, 136
- Eaton E-FDGN-TB002-E



MADE IN BRITAIN 

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Typical Characteristics

Millmax HV ZF	46
Specific Gravity @ 15°C	0.871
Kinematic Viscosity @ 100°C	8.6cSt
Kinematic Viscosity @ 40°C	46cSt
Viscosity Index	168
Pour Point (°C)	-39
Flash Point (°C)	208
Health & Safety/Product Code	5544

Technical & Health and Safety

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For H&S info or SDS, please visit our website www.millersoils.co.uk



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