

Product code: F8030

Sector: Industrial

Issue No: 1

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MILLMAX EE 46 HV

Millmax EE 46 HV hydraulic oil provides greater operational system efficiency, whilst protecting equipment from corrosion and wear. High oxidation and thermal stability of the base oil more than doubles the life of the oil, reducing both downtime and oil consumption.

High viscosity index ensures high efficiency over a wide temperature range for indoor and outdoor use.

Application

Millmax EE 46 HV hydraulic oil can be used in high pressure systems such as static industrial systems including injection moulding machines and mobile plant machinery.

Features & Benefits

- Excellent temperature viscosity profile providing improved mechanical efficiency of the whole system.
- High viscosity index contributes to lower fluid leakage losses and greatly improves pump efficiency leading to lower energy usage.
- Excellent oxidation and thermal stability, improving oil cleanliness for longer operating life.
- Viscosity stability provides effective power transfer in hydraulic systems.
- Excellent low temperature performance allowing use across a wide temperature range.
- Advanced anti-wear and corrosion chemistry protect equipment for longer component life.
- 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 (HM) & 3 (HV)
- Parker (Denison) HF-0, HF-1 & HF-2 (HM, HV)
- Eaton E-FDGN-TB002-E
- ASTM D6158 (HM, HV)
- SAE MS1004 (HM, HV)
- ISO 11158 (HM, HV)
- ISO 20763 Conestoga vane pump test
- Vickers I-286-S3 (Industrial equipment)
- GB 11118.1-2011 (L-HM, L-HV, L-HS)
- Cincinnati Machine P-70 (HM, HV)
- Bosch Rexroth RDE 90235
- JCMAS P041 HK Hydraulic Specification
- ANSI/AGMA 9005-E02-RO
- GM LS-2
- AIST 126 (US Steel), AIST 127 (US Steel)
- SEB 181222



MADE IN BRITAIN 

Millers Oils Ltd
Brighouse West Yorkshire HD6 3DP UK
Tel: +44(0) 1484 713201
www.millersoils.co.uk

TECHNICAL DATA SHEET



Typical Characteristics

Millmax EE 46 HV	46
Density @ 15°C, g/ml	0.859
Kinematic Viscosity @ 100°C, cSt	8.3
Kinematic Viscosity @ 40°C, cSt	45
Viscosity Index	161
Pour Point, °C	-39
Flashpoint, °C	>230
Part code	F8030

Technical & Health and Safety

T: 01484 475060

E: technical@millersoils.co.uk

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



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Millers Oils Ltd
Brighouse West Yorkshire HD6 3DP UK
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