

Product code: 5228

Sector: Industrial

Issue No: 1

Issue Date: 30/05/25

Millmax HV 46

Millmax 46 is a high-quality anti-wear hydraulic oil designed for the toughest modern hydraulic systems, helping equipment run smoothly and efficiently. Meeting strict OEM standards like Bosch Rexroth RDE 90235 and Parker HF-0, Millmax HV 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

- Very high viscosity index ensures consistent fluid performance across a range of temperatures, whilst improving energy efficiency.
- Excellent resistance to compression allows for superb power transfer
- Zinc-based anti-wear properties extend equipment lifespan by protecting components from wear
- Excellent thermal and oxidation stability helps maintain system cleanliness over extended periods
- Low-foaming formula reduces aeration and cavitation, ensuring reliable power transfer
- Demulsification prevents water contamination that could lead to rust, corrosion and reduced lubricity
- Compatible with elastomers and seals, promoting longer seal life and minimising maintenance needs

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 P70

Typical Characteristics

Density @ 15°C, g/ml	0.885
KV @ 40°C, cSt	46.0
KV @ 100°C, cSt	8.5
Viscosity Index	165
Pour point, °C	≥-35°C
Flash point, °C	≥215°C