

TECHNICAL DATA SHEET



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Sector: Industrial

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Millmax Longlife 32

Millmax Longlife 32 is a premium anti-wear hydraulic oil developed using the highest quality GII base oils and complementary additive technologies, creating a long-lasting, high-performance hydraulic oil. Meeting the performance of stringent OEM specifications such as Bosch Rexroth RDE 90235 and Parker HF-0, Millmax Longlife 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

- Potential service life in excess of 4,500 hours, reaching up to 7,000 hours with regular sampling.
- 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 51524-2 (HLP)
- ISO 11158 (HM)
- 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	0.856
KV @ 40°C, cSt	32.0
KV @ 100°C, cSt	5.6
Viscosity Index	117
Pour point, °C	≥-35°C
Flash point, °C	≥215°C
OIT / Mins	1561