

**Product code:** 8465

**Sector:** Industrial

**Issue No:** 1

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## Millmax Longlife HV 100

Millmax Longlife HV 100 is a premium group II anti-wear hydraulic oil, specifically engineered to excel in heavy loaded hydraulic systems, ensuring smooth and efficient equipment operation. Surpassing industry standards such as DIN 51524-2, ISO 11158, and meeting OEM specification Eaton E-FDGN-TB002-E, Millmax Longlife HV 100 provides superior protection and helps prevent downtime.

### Application

Suitable for use in heavy loaded industrial machines, including systems containing gears and bearings that require an ISO VG 100 HVLP.

### 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 51524-3 (HVLP)
- ISO 11158 (HV)
- ASTM D6158
- GB 11118.1-2011
- SAE MS 1004
- Eaton E-FDGN-TB002-E

### Typical Characteristics

|                      |        |
|----------------------|--------|
| Density @ 15°C, g/ml | 0.8690 |
| KV @ 40°C, cSt       | 100.0  |
| KV @ 100°C, cSt      | 15.0   |
| Viscosity Index      | 150    |
| Pour point, °C       | ≥-33°C |
| Flash point, °C      | ≥215°C |
| OIT/Mins             | 1170   |