

**Product code:** 5234

**Sector:** Industrial

**Issue No:** 1

**Issue Date:** 30/05/25

## Millmax HV 100

Millmax HV 100 is a premium 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 51524-3, ISO 11158, and meeting OEM specification Eaton E-FDGN-TB002-E, Millmax 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

- Very high viscosity index ensures consistent fluid performance across a range of temperatures.
- 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	0.876
KV @ 40°C, cSt	102.0
KV @ 100°C, cSt	14.0
Viscosity Index	139
Pour point, °C	≥-30°C
Flash point, °C	≥220°C