

TECHNICAL DATA SHEET



Product code: see table below **Sector:** Industrial **Issue No:** 6 **Issue Date:** 02/03/22

MILLMAX ZF RANGE

Millmax ZF is an ash-less range of hydraulic oils that provides reliable protection against corrosion and wear, whilst maximising power transfer for efficiency in industrial applications

Application

Use as received in hydraulic systems where zinc-free oil is required.

Features & Benefits

- Incompressibility provides effective power transfer in hydraulic systems.
- Excellent anti-wear performance to extend component life.
- Good thermal and oxidation stability for extended cleanliness.
- Low foaming formulation minimises aeration and cavitation for consistent power transfer.
- Good compatibility with elastomers and seals for longer seal life and reduced maintenance.
- Zinc-free formulation gives good protection of silver and yellow metal components, as well as zero-ash for reduced environmental impact.

Performance Profile

- DIN 51524 Part 2 (HLP), Part 1
- ISO 6743/4 HM, ISO 11158 HM, HH, HL
- AFNOR NF E 48-603
- SS 155434
- VDMA 24318
- SEB 181 222
- AIST 126 (US Steel), AIST 127 (US Steel)
- Eaton E-FDGN-TB002-E
- Bosch Rexroth 90220
- Cincinnati P-68, P-69, P-70
- General Motors LS-2
- Eaton Vickers I-286-5 (Industrial equipment)
- Eaton Vickers M-2950-5 (Mobile plant equipment)
- Denison HF-0, HF1, HF-2 (Denison Hybrid pump T6H20C)



MADE IN BRITAIN

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Typical Characteristics

Millmax ZF	32	46	68	100
Density @ 15°C, g/ml	0.850	0.860	0.875	0.880
Kinematic Viscosity @ 100°C, cSt	5.4	6.8	8.6	10.8
Kinematic Viscosity @ 40°C, cSt	32	46	68	100
Viscosity Index	102	101	97	94
Pour Point, °C	-15	-15	-12	-12
Flash Point, °C	>200	>220	>230	>235
Health & Safety/Product Code	5500	5494	6169	5857

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



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