



MILLERS OILS

millersoils.co.uk

PRODUCT DATA SHEET

INDUSTRIAL



INDUSTRIAL



PRODUCT NAME/VISCOSITIES:

MILLMAX ZF RANGE

DESCRIPTION:

The Millmax ZF hydraulic range are premium quality, solvent refined base stocks, with four fold additive treatments.

APPLICATION:

Use as received in hydraulic systems requiring zinc free oils.

USER BENEFITS:

- Outstanding thermal and oxidation stability, improving reliability cleanliness and longer operating life.
- Excellent anti-wear, reducing downtime.
- Corrosion protection and low foaming.

PERFORMANCE PROFILE:

- DIN 51524 Part 2 (HLP)
- SIS SS 155434
- AFNOR NF E 48-603 HM (French Hydraulics Standard)
- VDMA 24318
- U.S. Steel 127 and 136
- Eaton Vickers M-2950-S and I-286-S
- Denison TP 02100

TYPICAL CHARACTERISTICS:

| Millmax ZF | 32 | 46 | 68 |
|------------------------------|---------|---------|---------|
| Specific Gravity @ 15°C | 0.878 | 0.879 | 0.880 |
| Kinematic Viscosity @ 100°C | 5.2cSt | 7.0cSt | 9.0cSt |
| Kinematic Viscosity @ 40°C | 30.2cSt | 48.3cSt | 69.8cSt |
| Viscosity Index | 102 | 101 | 103 |
| Pour Point (°C) | -15 | -15 | -15 |
| Flash Point (°C) | 210 | 220 | 244 |
| Health & Safety/Product Code | 5500 | 5494 | 6169 |

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HEALTH AND SAFETY:

Health and Safety Data Sheet numbers above relate to the products listed. When used for the purpose recommended and with due regard to the appropriate Health and Safety Data, the product should cause no concern. If in doubt, consult with Millers Oils Technical Department.

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