

TECHNICAL DATA SHEET



Product code: see below table **Sector:** Industrial **Issue No:** 4 **Issue Date:** 17/03/22

MILLMAX HFD (U)

A fire resistant and biodegradable hydraulic fluid (HEES) based on full synthetic ester technology and classified as an HFD (u) type fluid.

Application

Use as received in hydraulic applications where a HFD (u) fluid is specified or preferred, such as die-casting, hot metalworking, foundries, forging, mining and power plants.

Features & Benefits

- High degree of fire resistance.
- Exceptional lubricity for maximised protection and component life.
- Excellent oxidation stability extends oil life and service intervals.
- Very high viscosity index and low pour point for wide operating temperature range.
- Can be used with system designed for mineral oils with no modifications or loss of performance.

Performance Profile

- DIN 51524 Part 2 & Part 3
- ISO 12922
- ISO 6743/4
- ISO 15380
- AFNOR NF E 48-603
- SS 155434
- VDMA 2431
- SEB 181 222
- AIST 126 (US Steel), 127 (US Steel)

Typical Characteristics

Millmax HFD (U)	46	68
ISO viscosity grade	46	68
Density @ 15°C, g/ml	0.915	0.920
Kinematic Viscosity @ 100°C cSt	10.0	13.0
Kinematic Viscosity @ 40°C, cSt	46	68
Viscosity index	188	208
Pour point, °C	-36	-27
Flash point, °C	>285	>300
Part code	5650	5649



MADE IN BRITAIN

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