

TECHNICAL DATA SHEET



Product code: see below table **Sector:** Industrial **Issue No:** 3 **Issue Date:** 17/03/22

MILLMAX SE BIO

A fully synthetic biodegradable hydraulic fluid based on modern ester technology and ashless anti-wear additives, classified as a Hydraulic Environmental Ester Synthetic type fluid (HEES).

Application

Use as received in hydraulic applications where a HEES type fluid is specified or preferred.

Features & Benefits

- Readily biodegradable, ideal for use in environmentally sensitive applications.
- 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 15380
- ISO 6743/4
- ISO 12922
- AFNOR NF E 48-603
- SS 155434
- VDMA 2431
- SEB 181 222
- AIST 126 (US Steel), AIST 127 (US Steel)

Typical Characteristics

Property	15	32	46	68
ISO viscosity grade	15	32	46	68
Density @ 15°C, g/ml	0.925	0.920	0.925	0.920
Kinematic Viscosity @ 100°C (cSt)	3.6	7.5	9.5	13.0
Kinematic Viscosity @ 40°C (cSt)	15	32	47	65
Viscosity index	144	208	192	208
Pour point °C	-51	-48	-36	-27
Flashpoint °C	222	>235	>285	>300
Biodegradability, %	76	82	86	85
Part code	5765	5636	8398	8399



MADE IN BRITAIN

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