

Technical Data Sheet

Ferrofluid Type: EFH1

Physical Properties

Appearance	black-brown fluid
Carrier Liquid	light mineral oil
Saturation Magnetization	440 Gauss (44 mT)
Viscosity @ 27°C	6 cp (6 mPa·s)
Nominal Particle Diameter	10 nm
Initial Magnetic Susceptibility	2.58 Gauss/Oe (0.17 emu/g / Oe)
Relative Magnetic Permeability @ 20 Oe	2.6
Density	1.21 g/ml (1.21 X 10 ³ kg/m ³)
Magnetic Particle Concentration	7.9% by Volume
Flash Point	92°C
Pour Point	-94°C
Surface Tension	29 dynes/cm (29 mN/m)
Volatility (1 hr @ 50°C)	9 %

For further technical data, please contact your local Ferrotec office:

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