

HIGHTEC CUT MSU 5

High-performance grinding fluid

Description

HIGHTEC CUT MSU 5 is a high-performance neat coolant lubricant made of high-quality base oils for high-speed grinding processes. HIGHTEC CUT MSU 5 is formulated to have low misting, low evaporation properties and extremely low foaming behaviour. HIGHTEC CUT MSU 5 has an extremely good rinsing and cooling capacity due to its low viscosity.

Application

Flute grinding with diamond discs in hard metals, grinding with CBN and corundum discs for HSS and carbide materials

Advantages

- very good rinsing and cooling capacity
- very high removal capacity
- Minimization of cobalt leaching during carbide grinding-shear stable -extremely resistant to aging
- aromatic-free



Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.8243
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	5,5
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	>150
Copper corrosion 100 A3	DIN 51759	Ranking	1

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