

## 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	0.8
Kinematic viscosity KV 40	ASTM D-7042	mm <sup>2</sup> /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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