



# Eni metalGrind S 5 HM

**Eni metalGrind S 5 HM** is a not water miscible, chlorine free, low mist, low viscous grinding oil based on mineral oil of high purity.

## Characteristics (typical figures):

Eni metalGrind S 5 HM		Unit	Test method
Colour	0		
Viscosity at 40°C	7,5	mm <sup>2</sup> /s	DIN 51 562
Density at 15°C	830	kg/m <sup>3</sup>	DIN 51 757
Flash point	165	°C	DIN ISO 2592
Copper corrosion	1-100A3	Korr.- Grad	ASTM D 130

## Properties and Performance:

- based on highly refined mineral oils, good heat absorption and abstraction ability
- no aromatics
- very good ageing stability, good low temperature behaviour, unscented
- no smoke tendency
- chlorine free, shear stable, good corrosion protection
- compatible with all common sealing materials

## Applications:

**Eni metalGrind S 5 HM** is suitable for the grinding of steel, cast iron and hard metal. The product has excellent cooling and rinsing properties. An excellent surface quality is achieved.

## Information:

For use, please observe the applicable VDI guidelines 3035 and 3397 (1-3). In order to maintain the functionality of the cooling lubricant, frost-free storage is necessary. DGUV Rule 109-003 - Activities with cooling lubricants must be applied to ensure safe handling.

Further information can be obtained from our application technology department.