



Eni metalGrind S 5 Uni Plus

Eni metalGrind S 5 Uni Plus chlorine free, low mist, low viscous grinding oil based on mineral oil.

Characteristics (typical figures):

eni metalGrind S 5 Uni Plus		Unit	Test method
Colour	Yellow, clear		
Viscosity at 40°C	5	mm ² /s	DIN 51 562
Density at 15°C	815	kg/m ³	DIN 51 757
Flash point	130	°C	DIN ISO 2592
Copper corrosion	1a	Corr.- grade	ASTM D 130

Properties and Performance:

- based mineral oils
- good heat absorption and heat dissipation ability
- great oxidation stability, low oil mist, very good air release properties
- very good ageing stability, excellent rinsing and cleaning properties
- great wetting properties

Applications:

eni metalGrind S 5 Uni Plus is suitable for difficult grinding operations such as Form grinding, surface grinding, high speed and peripheral grinding of alloyed and unalloyed steel materials.

Information:

Observe the valid VDI Guidelines 3035 and 3397 (1 - 3) when using the product. To maintain the function of a cooling lubricant the product has to be stored frost free.

The product is a water hazardous liquid.

The BGR/GUV-R 143 - Operations with cooling lubricants - has to be observed for safe handling.

For specific technical questions please contact our technical department. Get information in reference to our training seminar about the subject cooling lubricants.