



# eni metalCut UNI

**eni metalCut UNI** is a not miscible cooling lubricant based on selected mineral base oils.

## Characteristics (typical values):

eni metalCut	10 UNI	22 UNI	32 UNI	46 UNI	Unit	Test method
Density (15°C)	867	869	870	876	kg/m <sup>3</sup>	DIN 51 757
Viscosity (40°C)	10	22	32	46	mm <sup>2</sup> /s	DIN 51 562
Flashpoint	147	174	200	208	°C	DIN ISO 2592
Pourpoint	-10	-10	-10	-10	°C	DIN ISO 3016
Copper corr.	1a	1a	1a	1a		ASTM D 130

## Properties and Performance:

- very good rinsing properties
- no colouration respectively specking on machines and work pieces
- very good ageing stability
- chlorine free, low in aromatics, very good corrosion protection
- efficient, low oil mist processing oil

## Application:

**eni metalCut UNI** is suitable for medium severe cutting as well as for grinding operations of steel, aluminium and non-ferrous metals.

## 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.