



# Agip metalCut MMS 001

**Agip metalCut MMS 001** is a not water miscible, aromatic free special cooling lubricant for grinding, honing, stamping, lapping, punching and for the minimal quantity lubrication.

## Characteristics (typical figures):

<b>metalCut MMS 001</b>	<b>Unit</b>	<b>Test method</b>		
Colour number		0	DIN ISO 2049	
Viscosity	at 20°C	mm <sup>2</sup> /s	2,5	DIN 51 562
	at 40°C	mm <sup>2</sup> /s	1,8	DIN 51 562
Density at 15°C	kg/m <sup>3</sup>	798	DIN 51 757	
Flash point	°C	78	DIN ISO 2592	
Copper corrosion	Corr.-grade	1-100A3	DIN 51 759	

## Properties and Performance:

**Agip metalCut MMS 001** is a low viscous, aromatic free cutting, grinding and forming oil based on an aromatic free hydrocarbon with special components. These components ensure excellent constant wetting and flushing efficiency as well as good settling behaviour. Therefore optimum tool service life as well as a steady good material surface are accomplished.

## Applications:

**Agip metalCut MMS 001** can be applied where low viscous oils for grinding, honing, lapping, stamping, punching are requested as well as they are useful and necessary for other machining processes. Agip metalCut MMS 001 is also best applicable for the use in profiling machines with roller wetting. It dries residue free and shows a clean surface. Further operational fields are the application as flushing or cleaning medium.

## 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 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.