



Agip metalGrind S 15 UNI

Agip metalGrind S 15 UNI is a chlorine free, low mist, low viscous grinding oil based on mineral oil in combination with selected agents.

Characteristics (typical figures):

metalGrind S 15 UNI		Unit	Test method
Colour number	0,5		
Viscosity at 40°C	16	mm ² /s	DIN 51 562
Density at 15°C	860	kg/m ³	DIN 51 757
Flash point	195	°C	DIN ISO 2592
Copper corrosion	1-100A3	Corr.-grade	ASTM D 130

Properties and Performance:

- low aromatic, based on mineral oils, good heat absorption and abstraction ability
- zinc and heavy metal free
- good oxidation stability, low oil mist, very good air release properties
- very good ageing stability, excellent rinsing and cleaning properties
- EP and AW agents increase the pressure absorption ability
- low grinding temperatures due to polar components, good corrosion protection
- excellent rinsing and wetting properties

Applications:

Agip metalGrind S 15 UNI is a high speed grinding oil preferably used for grinding of grooves in twist and thread drilling machines as well as the production of metal circular sawing blades with the swing-frame grinding procedure. Further applications are internal and external grinding, threading and valve grinding, also for crankshaft and camshaft grinding.

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.