

Mabanol Grind 6 G

Non-water-miscible cooling lubricant for grinding

Application

Mabanol Grind 6 G is a chlorine- and aromatic-free neat metalworking fluid containing mineral oil and GTL base oils. It is used undiluted for grinding alloyed and unalloyed steels, non-ferrous metals, aluminum and especially for hard metals.

The product is based on high-quality GTL base oils and additive components, which ensure excellent surface properties and low tool wear.

Properties

Mabanol Grind 6 G contains specially chosen additives to improve surface finish as well as wear protection and thereby increases tool life, ensuring excellent corrosion protection, preventing oxidation and ageing.

The machined workpieces can be easily coated after grinding.

Remarks

Minor variations in colour and appearance are possible due to the raw materials chosen. However, these have no influence on the functionality of the product.

Cleaning / degreasing

We recommend using industrial cleaners from our Mabanol Clean range to clean the workpieces from the remaining grinding oil residues.

Data

	Unit	Value
Density at 15°C	g/cm ³	0,804
Kin. Viscosity at 40°C	mm ² /s	6
Flash point (COC)	°C	170
Copper corrosion (3h/100°C)		1b (slight tarnish)

Shelf life / storage conditions

Stable for 24 months when stored at a temperature of 5 °C to 40 °C in unopened containers

The above values may vary within the commercial limits.
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