

Mabanol Grind 22 CF

Non-water-miscible cooling lubricant for grinding

Application

Mabanol Grind 22 CF is a chlorine-free, non-water-miscible metalworking fluid containing mineral oil for grinding operations, which is used specifically for tooth flank and full profile grinding of alloyed and non-alloyed steels. In addition, Mabanol Grind 22 CF is suitable for general machining such as turning, milling and drilling as well as for machining work on machining steel and aluminum materials.

The cooling lubricant is based on high-quality base oils, EP additives and lubricating components that ensure an excellent surface finish and low tool wear.

Mabanol Grind 22 CF is used undiluted.

Properties

Mabanol Grind 22 CF 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 color 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	0,866
Kin. Viscosity at 40°C	mm ² /s	22
Flash point (COC)	°C	196
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.

Updated in August 2023