

Mabanol Cut Lub 14 G HP

GTL-based non-water-miscible cooling lubricant

Application

Mabanol Cut Lub 14 G HP is a chlorine-free, GTL-based, non-water-miscible high-performance cooling lubricant that can be used undiluted for deep hole drilling, broaching, hobbing and shaping as well as for general to heavy-duty machining. Mabanol Cut Lub 14 G HP is recommended for processing unalloyed to high-alloy steels, cast iron and aluminum.

Properties

Mabanol Cut Lub 14 G HP ensures excellent surface quality and minimal tool wear thanks to the optimal combination of EP additives, thus helping to reduce unit prices. The product offers excellent stability against aging and oxidation as well as a significantly lower drag out. In addition, due to the modern GTL (gas to liquid) base oil technology, Mabanol Cut Lub 14 G HP offers excellent air release properties, a low tendency to evaporate and a very high flash point, comparable to PAO-based products.

Remarks

Minor variations in color and appearance could occur depending on the selected raw materials but have no impact on the functionality of the fluid.

All information on safe and proper handling can be found on the MSDS.

Cleaning / degreasing

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

Data

	Unit	Value
Density at 15°C	g/cm ³	0,847
Kin. Viscosity at 40 °C	mm ² /s	14
Flash point COC	°C	196
Copper corrosion (3 h/100°C)		4b (corrosion)

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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