

Mabanol Hone 9

Mineral oil based neat metalworking oil

Application

Mabanol Hone 9 is a chlorine-free, mineral oil-based, non-water-miscible cutting fluid specially developed for grinding and honing alloyed and unalloyed steels, as well as cast iron and aluminum. The cutting fluid is based on high-quality base oils and additive components that ensure excellent surface finish and low tool wear. The specially formulated EP (extreme pressure) additives enable heavy-duty machining and ensure consistently high material removal rates, even in long-stroke honing processes.

Mabanol Hone 9 is used undiluted in single-machine applications as well as central lubrication systems.

Properties

Mabanol Hone 9 is a special high-performance oil for grinding and honing processes that ensures excellent surface quality. Furthermore, discoloration of workpieces is prevented. In addition, Mabanol Hone 9 is low in aromatics and has a comparatively high flash point.

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.

Data

	Unit	Value
Density at 15°C	g/cm ³	0,866
Kin. Viscosity at 40°C	mm ² /s	approx. 9
Flash point COC	°C	152
Copper corrosion (3h/100°C)		3a (strong 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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