



B-Cool Motec 501

Art.-Nr. 11501-01

Description

B-Cool Motec 501 is a water-miscible coolant based on mineral oil. This product was developed specifically for metal cutting applications within the automotive industry.

Range of application

B-Cool Motec 501 is universally suitable for machining cast iron, steel, stainless steel, soft and hard aluminum alloys.

Benefits

Best process reliability



Product properties

High emulsion stability

Enables high cutting speeds and high pressures



Low foaming in both soft and hard water

No stain formation even on sensitive aluminum alloys



Good material compatibility

Long tool life



Strong cutting performance

Clean machines and low consumption



Good rinsing behavior

Physical-chemical data

Concentrate

Emulsion

Appearance

transparent

semi-transparent milky

Mineral oil content [%] 15

Density at 20°C
[g/cm³]

1.008

Viscosity at 40°C
[mm²/s]

77.1

Flash point [°C]

pH-value (fresh
emulsion, typical
value)

9.1

pH-value (in use)

Refractometer factor

1.4

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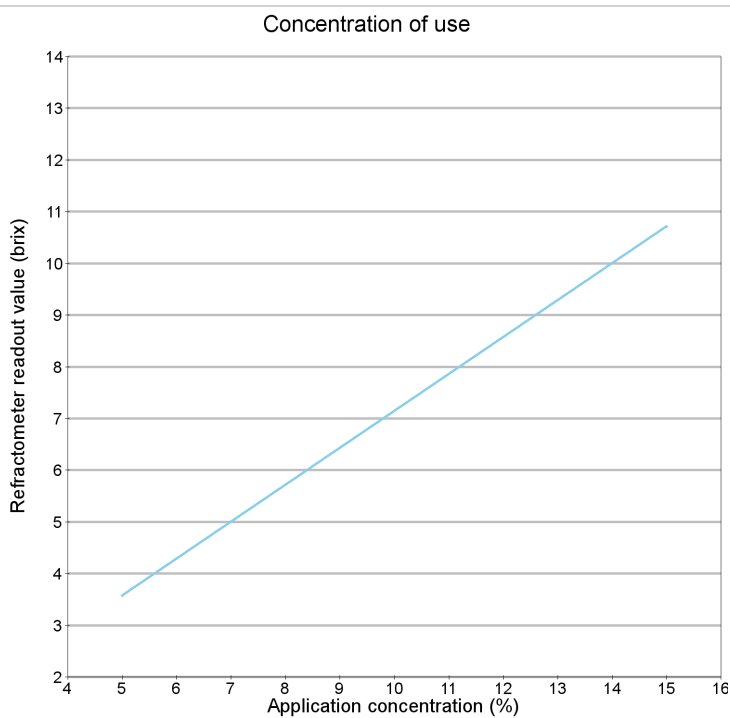
Safety and environmental aspects

Please refer to the product-specific safety data sheet (SDS) for disposal, environmental and safety information. The SDS are available for download on our website (blaser.com).

Note

Concentration of use Variable concentration from: 4 - 15 % (refractometer reading:)

Recommended water hardness range: 0°dH – 20°dH



Information contained in this data sheet is based upon the properties and applications of use as known to us. However, generally no legal liability may be deducted from such information. V1//15.06.2022 13:58:58

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