

EASycut BASE201

WATER-MISCIBLE SEMI-SYNTHETIC FLUID FOR LIGHT DUTY MACHINING (INCL. BAND SAW) AND GRINDING

Mineral oil based concentrate BASE201 is designed for light duty and medium cutting operations in band saws, lathes, and milling machines and grinding cast iron, steels, and certain aluminum alloys.



COMPOSITION FEATURES

- Does not contain boric acid
- Does not contain formaldehyde
- Contains secondary amines (DCHA)

PRODUCT PROPERTIES AND ADVANTAGES

- Stable mixing of the emulsion with water hardness from 5° to 30° dH; During operation (accumulation of salts), an increase in water hardness up to 60°dH is allowed
- High corrosion protection characteristics
- Good washability (clean equipment)

TECHNICAL DATA

- Kinematic viscosity of the concentrate at 20°C, mm²/s: 460
- ≈Mineral oil content, %: 20
- pH of fresh 5% emulsion: 10,4*
- Corrosion protection DIN 51360/2 (4%): corrosion degree 0
- **Refractometer factor, %/°Brix: 1.6**

RECOMMENDATIONS AND FEATURES

- To prepare a high-quality finely dispersed emulsion, it is recommended to use an automatic mixing device.
- For manual preparation, slowly add the concentrate to the water (not vice-versa) while stirring continuously.
- Recommended concentrations: Grinding: 4–6%

SHELF LIFE AND STORAGE CONDITIONS

Stable for 12 months when stored at a temperature of 5 to 40 °C in unopened containers.

COMMENTS

- Minor variations in color and appearance are possible due to the raw materials chosen. However, these have no influences on the functionality of the product.
- All information on safe and proper handling can be found on the MSDS
- Made in Germany

Coolant Calculator

Please use our on-line coolant calculator for top-up concentration math.



Full **EASycut** metalworking-fluids portfolio:



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The technical data are representative values.
All recommendations are without obligation.

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