

EASycUT VEG001

HIGH PERFORMANCE WATER-MISCIBLE SEMI-SYNTHETIC FLUID FOR CNC MACHINING

Ester oil based concentrate VEG001 is designed for the machining of full scope of material from inconel to aluminum except of yellow materials. Best cutting performance and great stability.



COMPOSITION FEATURES

- Does not contain boric acid
- Does not contain formaldehyde
- Does not contain mineral oil
- Contains amines
- Base — ester oil

PRODUCT PROPERTIES AND ADVANTAGES

- Stable mixing of the emulsion with water hardness from 5° to 40° dH; During operation (accumulation of salts), an increase in water hardness up to 60°dH is allowed
- High corrosion protection characteristics
- Low foaming when using water of recommended hardness
- Good washability (clean equipment)
- High performance machining of hard materials
- Good compatibility with aluminum
- High surface quality and low tool wear due to well-balanced additives
- Eco-friendly (renewable raw materials)

TECHNICAL DATA

- Kinematic viscosity of the concentrate at 20°C, mm²/s: 177
- ≈Mineral oil content, %: 0
- pH of fresh 5% emulsion: 9,3
- Corrosion protection DIN 51360/2 (4%): corrosion degree 0
- **Refractometer factor, %/°Brix: 1.3**

RECOMMENDATIONS AND FEATURES

- Ideal for workshops prioritizing occupational health and environmental sustainability.
- Suitable for all aluminum alloys, but NOT for copper alloys.
- The tendency of specific alloys to passivate (matte finish) should be verified in advance.

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:



E4B2B GmbH (CNCmarket.de);
Heisenbergstrasse 5, 10587, Berlin, Germany

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

We reserve the right to change the contents of this document without prior notice.