

# Product Data Sheet

## ZET-cut 8500 EP

- Cooling lubricants
- Cutting oils/ grinding oils
- Corrosion protection
- Metal cleaners
- Industrial lubricants
- Service & accessories

### Water-miscible cooling lubricant

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#### Application

ZET-cut 8500 EP is suitable for machining of aluminum and steel due to its well-balanced formulation. Carefully selected ingredients show a very good skin tolerance.

#### Attributes

- Free of formaldehyde
- High lubricity
- Good corrosion protection
- Long-term stable
- pH Stable due to selected amines
- Lower maintenance effort

#### Concentration

- Machining of steel from 5 to 7 %
- Machining of aluminum from 6 to 10 %

#### Refractometer Factor

- Factor 1,1 per °Brix

#### Characteristics

	Value	Unit	Method
Colour	yellow		
Density (20 °C)	0,955	g/cm <sup>3</sup>	DIN 51757
Viscosity (40 °C)	80	mm <sup>2</sup> /s	DIN EN 16896
Content of mineral oil / greasing	50	%	
pH-Value (5 %)	9,3		DIN 19260
Corrosion protection (4%)	0/0		DIN 51360/2

#### Notes

- The concentrate corresponds to the requirements of TRGS 611
- Minimum shelf life: 12 months
- Recommended storage temperature: +5 to +30 °C
- The product contains an effective inhibitor against the formation of N-nitrosamines
- Lubricants partly contain natural raw materials. Slight deviations in colour and appearance do not affect the quality and function of the product.

Our qualified sales force is available to answer all technical questions regarding the application. The content of this data sheet has an advisory function. Liabilities and claims of any kind cannot be derived from it. All listed technical data are representative values and not specifications.

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