

# Product Data Sheet

## ZET-cut 520

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

### Water-soluble cooling lubricant

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#### Application

ZET-cut 520 is a mineral oil-free, water-soluble cooling lubricant. The product is developed for processing of hard metals as well as glass, non-ferrous and light metals. Machining of steel and cast alloys are also possible without emulsifying foreign oils.

#### Attributes

- Mineral oil-free
- Free of boron and formaldehyde
- High stability
- Low residues
- Good rinsing performance
- Inhibited against release of copper and cobalt

#### Concentration

- Grinding and machining from 4 %

#### Refractometer Factor

- Factor 1,3 per °Brix

#### Characteristics

	Value	Unit	Method
Colour	yellow		
Density (20 °C)	1,096	g/cm <sup>3</sup>	DIN 51757
Viscosity (40 °C)	30	mm <sup>2</sup> /s	DIN EN 16896
pH-Value (5 %)	8,8		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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