

## SWISSCOOL 3000

Water-miscible cutting fluid

### Description

SWISSCOOL 3000 is a universally applicable, water-miscible cutting fluid containing mineral oil. The product is ideally suited for machining steel and cast alloys, but can also be used for common aluminum alloys.

### Product features

- boron- and formaldehyde-free
- good flushing properties
- excellent corrosion protection
- very good biostability
- complies with current legislation
- water hardness

### Application

Material: Steel, high-alloy steels and common aluminum alloys. For critical aluminum alloys, it is recommended to check the material compatibility in advance and, if necessary, to use a suitable inhibitor.

Machining: Milling, turning, drilling and grinding.

### Field of application

Recommended application concentration

- General machining: 7 - 10%
- Grinding: 7 - 8%

Water hardness: from 5°dH to 30°dH.

### Shelf life / Storage

12 months from date of production at a temperature of 10 °C to 40 °C in closed containers. For production date, see product label.

### Technical Data

Properties	Test according to	Unit	Values
Colour			light yellow
Density at 20 °C		g/cm <sup>3</sup>	0.991
Viscosity at 40°C	DIN 51562-1	mm <sup>2</sup> /s	25.0
Mineral oil content	DIN 51561-1	Percentage	13 %
pH value at 5% conc.	DIN 51369		8.8 - 9.2
Refractometer factor			2.0
Corrosion test GG25 chips	DIN 51360-2		0 (5%)

The above information corresponds to the current state of our knowledge. We reserve the right to make changes. The performance characteristics indicated are based on testing and production tolerances standard in this industry. A safety data sheet is available.