

Art.No. 11755-

# B-Cool 755

## Description

B-Cool 755 is a water miscible, chlorine free, medium mineral oil containing cutting fluid. The characteristics of this product are low foaming behavior in hard and soft water with good stability, good corrosion protection and low consumption.

## Range of application

B-Cool 755 is designed for machining of soft aluminum alloys, titanium, nickel-based alloys, heat-resistant steels and stainless steel. It is ideal for single machines and central systems.

### Product properties

Very high stability



economical through long sump life and low disposal cost

Very low foaming behavior in hard and soft water



ideal for high cutting speeds and high pressure conditions

Outstanding rinse behavior



very low consumption

## Physical-chemical data

### Concentrate

Color	colorless, yellow
Mineral oil content	52%
Water content	4%
Density at 20°C	0.96 g/cm <sup>3</sup>
Viscosity at 40°C	133 mm <sup>2</sup> /s
Flash point	280°F
pH-value	
Refractometer factor	

### Emulsion

white, transparent

8.8 - 9.8

1.0

## Note

The product does not contain:

Nitrite, nitrite releasing agents, formaldehyde, formaldehyde releasing substances, heavy metals, triazine (HHT), boron acid ester, diethanolamine, NDELA and/or nitrosamines, silicone, polychlorinated biphenyls and terphenyls (PCB, PCT) TCDD, dioxin-containing substances, chlorines or other halogens. Zinc, chlorine, silicon and/or sulfur compounds (as EP additives).

## Concentration of use

Variable concentrations from 3% to max. 15%  
Best performance machining 6 - 10%

The foam behavior in very soft water can be improved additionally to 5°dH (180-360 ppm) by hardening.

## Packaging units

available upon request

*Information contained in this data sheet is based upon the properties and applications of use as known to us. However, generally no legal liability may be deducted from such information.*

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