

Un Cool 40 BFF

Un Cool 40 BFF is a water-miscible, mineral oil- and alternative-amine-based coolant.

Un Cool 40 BFF offers a wide range of applications with the best possible occupational safety for users.

Application

Un Cool 40 BFF is a versatile product that can be used in grinding processes and normal machining operations for steel and cast iron materials.

Properties

- Versatile use
- Finely dispersed for low drag-out loss
- Good flushing properties for consistently clean machines
- Best long-term stability for favourable process costs
- Good de-emulsification properties
- Low-foaming in a wide range of water qualities
- Complies with the requirements of TRGS 611, DGUV 109-003 and VDI 3035
- Free from secondary amines, chlororganic compounds and silicone oils
- Formaldehyde releaser-free
- Boron-free

Technical Data

Concentrate		Emulsion	
viscosity 20 °C (mm ² /s)	Content of mineral oil %	pH-value 5 %	corrosion- protection (DIN 51360/2)
approx. 200	40	9.6	4 % grade 0

Remarks

To prepare operating emulsion slowly add the coolant concentrate to drinking quality water assuring thorough mixing. Mixing can also be done by means of an automatic mixer.

Recommended mixing ratios:

Machining of steel and cast iron: from 7 %
Grinding: from 6 %

The concentration is determined using a handheld refractometer. The value is read in Brix% and multiplied by the refractometer factor to give the concentration in vol%. For more information, see the user instructions on concentration measurements using the manual refractometer.

Refractometer factor

1.0

Un Cool coolants contain natural raw materials. Slight deviations may therefore occur in colour and appearance as well as odour which is typical and not the subject of a complaint. The quality and function of the product is in no way affected. We reserve the right to make changes to the technical data. For more information, please see our safety data sheet or contact our technical support department.

Protect against frost, heat and direct sunlight. Recommended storage and transport temperature: 5 - 40 °C. The information in this product information is based on general experience and knowledge.

Edition

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