

HIGHTEC COOL SMU 2

All-purpose, water-miscible cooling lubricant without mineral oils

Description

HIGHTEC COOL SMU 2 is a mineral oil-free, water cooling lubricant with an especially skin-friendly and virtually odourless formulation. HIGHTEC COOL SMU 2 is free of boron, nitrite and nitrate.

HIGHTEC COOL SMU 2 does not contain any easily nitrosatable amines.

Application

HIGHTEC COOL SMU 2 forms a stable, opalescent emulsion when mixed with water.

HIGHTEC COOL SMU 2 is recommended for the machining of grey cast iron, stainless steel, aluminium and non-ferrous metals.

Advantages

- Very high lubricating performance
- High corrosion protection
- Long service life
- Very good dirt carrying capacity
- Low tendency to foam
- Good starting ability, even with cold mixing water
- Biodegradable
- It does not contain any secondary alkanolamines and alkanolamides
- Complies with TRGS 611
- Chlorine-free

Recommendation

- Drilling, turning, milling, sawing - Grinding - Deep-hole drilling, thread cutting - Broaching, reaming - Machining of automatic dispensers Recommended concentration to be used: - General: 6-8% - Deep drilling, thread cutting, broaching and reaming: 7-9%
Mixing temperature range: 15-25°C

Notes

- Storage
- When stored in dry, frost-free rooms and in original, unopened containers the storage period is: 9 months
- Temperature range: 10-35°C



Typical characteristics

Property	Method	Unit	Value
Density at 20 °C	ASTM D1122	g/ml	0.991
Refractometer factor	-	-	1,08
Corrosion protection (chip test) grade 0	DIN 51360/2	%	5
pH of a 10% emulsion	DIN 51369	-	9,2 - 9,4
ProductCharacteristics.erstgehalt	-	-	30 - 40

These characteristics are typical for current production. The data does not constitute an assurance of properties or a guarantee of suitability for a specific application. Existing legal provisions and regulations that affect handling and usage of the products must be observed by the recipient of our products. ROWE products are continuously being developed. For this reason, ROWE retains the right to change all technical data in this product information at any time without prior announcement. Our current General Delivery and Payment Conditions apply (www.rowe-oil.com).

