

HIGHTEC COOL SMU 1

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

Description

HIGHTEC COOL SMU 1 is a mineral oil-free, water-miscible cooling lubricant with an especially skin-friendly and virtually odourless formulation.
HIGHTEC COOL SMU 1 is free of boron, nitrite and nitrate.
HIGHTEC COOL SMU 1 does not contain any easily nitrosatable amines.

Application

HIGHTEC COOL SMU 1 forms a stable, opalescent emulsion when mixed with water.
HIGHTEC COOL SMU 1 is recommended for the machining of cast iron, aluminium and non-ferrous metals.

Benefits

- Good emulsion stability
- Good corrosion protection
- Long service life
- Suitable for all applications
- Low tendency to foam
- Good starting ability, even with cold mixing water
- Very readily biodegradable
- It does not contain any secondary alkanol amines and thus complies with TRGS 611
- Biocide-free
- Chlorine-free

Recommendation

Field of application:

- 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: 7-15%

Notices

Storage:

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

Mixing temperature range:
15-25°C

