



OPUS LUBRICANTS PRODUCT DATA

COOLCUT X

Description

This product is a preparation based on mineral oil with a low content of aromatic hydrocarbons, anionic and non-ionic emulsifiers as well as lubricity improvers.

Applications

Universal metalworking fluid for all chipforming processes, designed for use at 4 - 15 %. Suitable for heavy machining cast iron, aluminium and copper alloys. When mixed with water of hardness 60 °dH (1080 ppm) or less, the concentrate will produce tight emulsions with excellent wetting properties and superb cooling and detergency.

Typical Data

Appearance:	Clear, Brown liquid
Density at 15°C / 59°F:	1006 kg/m ³
Kinematic Viscosity at 20°C / 68°F:	Approx 80.0 mm ² /s
Cloud Point:	<-20°C / -4°F
Content of mineral oil:	Approx 30%
Refractometer Factor:	1.25% per °Brix
pH Value 4% in DIN-water:	9.2
Corrosion protection DIN 51360/I at 4%:	R0/S0 - no corrosion
DIN 51360/II at 5%:	0/0 – no corrosion
EP-Content:	Approx 7.0% per weight
Hard Water Stability 5% in 1080 ppm/60° dH-water:	stable, no cream
Salt Water Stability 5% +0.3% per weight NaCl:	stable, no cream

Notes

Stable when stored at 10°C / 50°F to 25°C / 77°F for up to 9 months. Avoid frost where possible.

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