

Product Information:

SUPERCUT 1000

HIGH OIL CONTENT WATER SOLUBLE COOLANT



Description

Supercut 1000 is a high oil containing water-soluble metalworking fluid manufactured from high quality paraffinic base oils with added preservatives, lubricity and anti-corrosion additives.



The product is readily miscible with most mains water to form a stable, rich, milky white emulsion of low odour and good corrosion protection and is designed to give improved sump life over competitive traditional milky soluble oils. Supercut 1000 is non-staining to both ferrous and non-ferrous alloys and may be used in a wide variety of applications e.g. turning (including light automatic work), milling, drilling, boring and shaping.



Features

- Chlorine / Phenol / Nitrite Free
- Low Odour
- Economical
- Good Corrosion Protection
- Free from Formaldehyde Release Biocides

Applications

General Machining, free machining metals, non-critical grinding, ferrous and non-ferrous alloys.

General Machining Concentration: 5% typical

Ferrous Grinding Concentration: 4% typical

Higher concentrations of up to 10% may be employed for more arduous applications.

Physical Characteristics

Appearance (neat)	Amber liquid
Relative Density @ 15.6°C	0.912
Emulsion Appearance (5% in 200ppm water)	Milky White liquid
pH @ 25°C (5% aqueous)	9.10
IP 287 Rust Prevention Characteristics (200ppm water)	4% (25:1)
Foaming Tendency (5% in 200ppm water)	< 20 secs collapse time

Figures based on average production values

Refractometer concentration conversion

Concentration %vol	1.0	2.0	3.0	4.0	5.0	6.0	8.0	10.0
Refractometer %brix	1.2	2.3	3.3	4.2	5.1	6.1	7.9	9.8

Part No.S: UNI005, UNI025, UNI205

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