



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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