

Product code: 7728

Sector: Industrial

Issue No: 3

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MILLCOOL SYNTH

A clear fully synthetic chlorine free metalworking fluid suitable for arduous cutting and general grinding operations.

Application

To be used when diluted with water at strengths ranging from 3% to 10% for grinding and creep feed grinding and 4% to 10% for general machining, thread cutting, deep hole drilling and reaming. Compatible with ferrous, high tensile and stainless steels, inconel, aluminium alloys, plastics and non ferrous composites.

Note: Product should be stored under cover. Avoid extremes of temperature and protect from frost.

Typical applications	Suggested dilutions
General machining	4-6%
Thread cutting and forming	6-8%
Deep hole drilling and boring	6-8%
Reaming	6-10%
Grinding (inc. creep feed)	3-10%

Features & Benefits

- High lubricity promotes excellent tool life.
- Rejects tramp oil.
- Low foam product.
- Free from secondary amines, phenols, nitrites, chlorine, sulphur, and formaldehyde-release biocides.
- Does not produce sticky residues, clean in use.
- Good fine handling properties.
- Excellent bio-stability.
- Good anti-corrosion properties.
- Good work piece visibility.

TECHNICAL DATA SHEET



Typical Characteristics

Concentrate Appearance	Amber fluid
Solution Appearance	Clear water white
pH, 5% in distilled water	9.6
Refractive Index Factor	x2.6
Recommended Concentration	3% to 10%
DeFoam in 50ppm water	Nil after 30 seconds

Technical & Health and Safety

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