

Product Information:

SUPERCUT 7150

CHLORINE FREE, HIGH OIL, EXTREME PRESSURE WATER SOLUBLE COOLANT



Description

Supercut 7150 is a chlorine free, semi-synthetic, micro-emulsion cutting fluid based on highly refined mineral oil and incorporating modern performance additives. It has a high oil content and high lubricity, which coupled with chlorine free extreme pressure additives ensures excellent machine performance. When diluted with most mains waters at the recommended ratio, a translucent emulsion is formed that gives good workpiece visibility. The high lubricity of this product, coupled with its tolerance to tramp oil and bacterial degradation makes Supercut 7150 an excellent coolant for workshop rationalisation.



Features

- Multi-metal compatibility
- Stain free on most metals including steels, brasses and aluminium
- Wide range of machining applications
- Chlorine free
- Exceptional resistance to bacterial degradation and tramp oil
- Extended sump life

Applications

Supercut 7150 is suitable for machining of all ferrous metals up to and including high tensile and stainless steels and most non-ferrous alloys. Recommended for medium and high speed machining operations and some grinding operations. Supercut 7150 has been successfully used on a wide range of applications involving aluminium alloys with excellent results in terms of machining tolerances, surface finish and tool life.

Cast Iron and Steels Concentration:	3 - 4% typical
Stainless Steel Concentration:	5 - 7% typical
Aluminium Alloys Concentration:	4 - 6 % typical
Grinding Concentration:	2.5 - 3% typical

Physical Characteristics

Appearance (neat)	Amber Liquid
Relative Density @ 15.6°C	0.971
Emulsion Appearance (3% in 200ppm water)	Translucent amber liquid
pH @ 25°C (3% aqueous)	9.40
IP 287 Rust Prevention Characteristics (200ppm water)	1.7% (60:1)
Foaming Tendency (3% in 100ppm water)	< 20 secs collapse time

Figures based on average production values

Part No.S: SUS025, SUS205

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