

CUTTING COOLANT SG1

Cutting Coolant SG1 is a biostable, fully synthetic grinding fluid with high level of corrosion protection at low concentration and possessing extremely good wheel flushing performance. Due to its unique formulation, our oil combines a nitrate free composition with low foaming tendency and ability to remain clear and clean in the presence of tramp oil

Cutting Coolant SG1 is free from nitrates, phenols, chlorine and PTBBA. When mixed with water, our oil gives a fluorescent green solution that is vital for good grinding. It is developed for a wide variety of materials including cast iron, mild and stainless steel. Mainly all ferrous metals.

APPLICATIONS / BENEFITS

- 3 to 5 % dilution for general purpose surface and cylindrical grinding.
- Suitable for a wide variety of metals, including cast iron, mild and stainless steel
- Stable in water hardness between 50 to 350 ppm
- contains preservative to protect product from bacteria
- Best used for work pieces in transit between machining operations.

TYPICAL CHARACTERISTICS

TEST DESCRIPTION	METHOD	TYPICAL RESULTS
Appearance		Amber Liquid
Specific Gravity		1.15
Total Alkalinity % wt KOH		20
Emulsion:		
Appearance		Fluorescent Green Solution
pH at 3%		9.5
IP 287 Corrosion Test %		2.5
Defoam ml (3% in 50 ppm water)		Nil
Refractometer Factor		2.2