



## GIANT SYN GRIND

Fully Synthetic Grinding/Metalworking Fluid

### DESCRIPTION

GIANT SYN GRIND is a low-maintenance and inherently biostable fully synthetic (free of mineral oil) water-soluble metalworking fluid, designed for general grinding operations. It is suitable for a wide variety of metals, including cast iron, mild/stainless steel and even nonferrous metals.

GIANT SYN GRIND has a low foaming tendency and is able to remain clear and clean in the presence of tramp oil. It is free from Nitrites, Phenols, Chlorine and PTBBA, and when mixed with water (with a 3-5% concentration), GIANT SYN GRIND is a fluorescent green solution that is vital for good grinding.

### TYPICAL APPLICATIONS

GIANT SYN GRIND is formulated primarily for grinding of a variety of metals including cast iron, mild and stainless steel, and even non-ferrous metals.

### BENEFITS

- Stable in water with hardness between 50-350 ppm.
- 3-5% concentration in water is sufficient for general purpose surface and cylindrical grinding.
- Excellent for work pieces in transit between machining operations.
- Long service life.

### TYPICAL PROPERTIES

Density, kg/Litre @ 15°C	1.0344
Density, kg/Litre @ 30°C	1.0249
Appearance - Concentrate	Florescent Green
Appearance - Emulsion	Florescent Green
pH @ 3%	9.3
IP 287 Corrosion Test (%)	2.5
Refractometer Factor	3.3