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### **PREMIERCUT GP**

### **TECHNICAL INFORMATION SHEET**

A biostable, semi-synthetic cutting fluid for use where the machine tool manufacturer recommends a coolant that contains more than 35% mineral oil.

### **FEATURES**

1. Forms a translucent micro emulsion in most waters.
2. Highly resistant to bacterial and fungal degradation, giving freedom from bad smells and slimy deposits.
3. Good inhibition against corrosion of a wide range of ferrous metals, giving protection to both workpiece and machine part. Also, good resistance to contact corrosion, so workpieces may be stacked without staining.
4. Inhibited against staining of various non-ferrous metals, including copper and its alloys and aluminium and its alloys.
5. Non-phenolic, low odour, nitrate free and based on highly refined mineral oil, thus optimising operator acceptability.
6. Low foaming and compatible with machine tool components.

### **TECHNICAL DATA**

- PH value: 9.2 – 9.4
- IP 125 Corrosion Test: 1.0%
- IP 287 Breakpoint: 1.5%

### **RECOMMENDED USER DILUTION**

- Turning, Milling, Sawing: 3 – 8 %
- Drilling, Screw cutting, Tapping: 3 – 8 %

### *Mixing*

Use coolant mixing valves where possible. When mixing by hand slowly add concentrate to water whilst stirring vigorously. Coolants should not be mixed in the machine sump. Avoid using chilled water.