

## linelube FS4647 Cutting Fluid

### Product Description

linelube FS4647 is an extremely adaptable high performance, chlorine free, bio-stable semi-synthetic type cutting fluid offering truly universal multi-metal compatibility.

### Features & Benefits

- Amazing versatility
- Long sump life
- Outstanding rancidity control
- Excellent corrosion control
- Low staining to sensitive aluminium alloys
- Stable in harder water areas
- Advanced design offering excellent lubrication
- Low foaming
- Single coolant throughout
- Low misting
- Low top up concentrations
- Clean and pleasant to use

### Applications

linelube FS4647 has been specifically developed for its versatility across a wide range of materials and applications. It is suitable on most ferrous and non-ferrous materials including cast iron and carbon steel, through to sensitive aluminium alloys and stainless steel. Machining applications range from light duty grinding to high speed CNC milling and turning, concentrations will be variable dependant on severity of application. linelube FS4647 is ideally suited where a single coolant is required throughout.

### Recommended Starting Concentrations

|                                |         |
|--------------------------------|---------|
| Grinding                       | 3 - 5%  |
| Light to Medium Duty Machining | 5 - 8%  |
| Medium to Heavy Duty Machining | 8 - 10% |

Top up concentrations should always be made with a diluted mix of concentrate and water to maintain the recommended strength in the machine.

### Typical Physical Characteristics

| Emulsion @ 5% |             |
|---------------|-------------|
| Appearance    | Translucent |
| Odour         | Bland       |
| pH (in use)   | 8.8 – 9.5   |

| Concentrate             |              |
|-------------------------|--------------|
| Appearance              | Amber liquid |
| Relative Density @ 20°C | 1.028        |

### Health & Safety

For health and safety information please refer to the relevant health & safety data sheet on our website. The contents of this data sheet is given in good faith but without warranty.