linelube FS4650 Cutting Fluid

Product Description

FS4650 is a chlorine free, extremely high performance, semi-synthetic type cutting fluid offering extended sump life, excellent cleanliness and a superb washing action.

Features & Benefits

- Multi-metal machining
- Hazard label free
- Outstanding rancidity control
- Long sump life
- Excellent washing action
- Excellent corrosion protection
- Latest technology lubrication package

- Stable in harder water areas
- Exceptional cleanliness
- Low foaming
- Low top up concentrations
- Low staining to aluminium alloys
- Chlorine & Sulphur free
- Clean and pleasant to use

Applications

FS4650 has been specifically designed for its versatility across a wide range of materials and applications. It is suitable on most ferrous and non-ferrous materials including cast iron, carbon steel, brass, copper, aluminium 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. FS4650 is ideally suited where a single coolant is required throughout.

Recommended Starting Concentrations

Grinding	3 - 5%
Light to Medium Duty Machining	4 - 6%
Medium to Heavy Duty Machining	6 - 10%

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

Concentration Analysis

To check and maintain concentration a refractometer is recommended, the resulting reading multiplied by a factor of 1.4 will give concentration strength.

Typical Physical Characteristics

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

Concentrate	
Appearance	Amber liquid
Relative Density @ 20°C	1.020

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.

www.linelube.co.uk