Technical Data Sheet

linelube

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.

www.linelube.co.uk

Last update: 28/09/2015

In line with our policy of continued improvement, Online Lubricants Ltd reserves the right to change specification and availability without prior notice. This lubricant, used according to our recommendations and for its designed application, does not represent any particular risk. A safety data sheet in conformity with the legislation now current in the EC is available from sales@oils.today