

PRODUCT DESCRIPTION

Vertex Solu-cut 3500 is a mineral based water-soluble metalworking fluid formulated with extra biocide that forms a very stable emulsion when mixed with water at a wide range of dilutions (stability of this emulsion is not affected by hard water ions). Its non-foaming property and high heat absorbing characteristics also provides superior cooling for a variety of metalworking processes. This product is fortified with an extra dose of biocides to prevent rancidity caused by bacteria, which can lead to unpleasant odors, split emulsions and reduced product performance. This results in greater worker satisfaction and optimum product performance. Recommended for light to moderate duty machining operations on all ferrous and non-ferrous metals except magnesium, it will find use in operations such as machining, sawing, drilling, milling and turning etc. It is also suitable for grinding due to its superior wetting and cooling properties. Typical dilution ratios with water range from 1:10 for milling and turning to 1:40 for grinding.

APPLICATIONS & BENEFITS

- Protects against rust and corrosion
- Non-foaming
- Excellent wetting and cooling capabilities
- Strongly resists bacterial attack
- Additional biocide dosage

PACK SIZES AVAILABLE

5L - 20L - 200L

SPECIFICATIONS

- Typical dilution ratios with water range from 1:10 for milling and turning to 1:40 for grinding.

TYPICAL CHARACTERISTICS

SOLU-CUT 3000	Concentrate	Emulsion
Appearance	Clear to Light Amber	White Milky
Specific Gravity @ 15C	0.890 Kg/L	
PH @ 3%		9.3
IP 287 Corrosion Test %		3.0
Refractometer Factor		1.0

ADDITIONAL INFORMATION

Designed for New Zealand Conditions | Manufactured from virgin base stocks. For more technical information please contact Vertex Lubricants NZ Technical Dept. +64 9 640 0004. Sheet updated 27 June 2023.