



VECUT SUPER Metal Working Fluid

TECHNICAL DATA SHEET

Product Description

Veedol Vecut Super is a superior grade water soluble metal working fluid formulated from refined mineral oil suitable for general machining, Thread cutting, Reaming, Grinding, Sawing and Turning.

Features/Benefit

- Forms a milky emulsion when mixed with water.
- Superior cooling and lubricating properties.
- Provides excellent surface finish.
- Superior anti-corrosion properties to protect machine tools and parts.
- Resists fungal and bacterial growth to extend fluid life and reduce maintenance and machine downtime.

Additional Information

The most common emulsion strength used for machining ranges from 5% to 10% depending on the severity of machining. For Emulsion formation always slowly add required quantity of oil in water with constant stirring.

Typical Properties

Test Parameters	ASTM Method	Typical Values
Density @ 15°C, Kg/L	D 4052	0.89
Kinematic Viscosity, @ 40°C, cSt	D 445	46
Flash Point (COC), °C	D 92	196
Pour Point, °C	D 97	-9
Refractometer Factor	-----	1.0
pH of 5% emulsion	-----	9.45
Corrosion test (20:1), IP 287	-----	Pass

Properties mentioned above are typical only and minor variations which do not affect the product performances, are to be expected in normal manufacturing.

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