VELSOL 5000

"VELSOL 5000" is a fine quality soluble cutting oil, which forms milky white emulsion with water, the product contains special wetting, anti corrosion and anti rust additives. It has a controlled alkalinity, so that it can be used on both ferrous and non ferrous metals.

FEATURES

- Mild Alkaline PH and contains salts of high molecular weight.
- Excellent Anti Corrosion Property.
- It contains biocide to prevent bacterial growth.
- Provides Good Cooling effect due to Aqueous base and hence increases tooling life.
- It imparts excellent surface finish and minimises tool wear.
- Superior cooling and lubricity properties.

BENEFITS

- Excellent cooling and wetting properties ensure outstanding surface finish and enhance tool life.
- Stable emulsion leading to extended emulsion life
- Resists bacterial attack and enhances emulsion life
- Good anti rust properties

CHARACTERISTICS

- Stable Emulsion
- High Resistance to Microbial Degradation
- No Skin Irritation
- Cost Effective
- Enhances Tool Life

APPLICATIONS

Recommended for all type of cutting operations on both ferrous and non ferrous metals. For stable emulsion always add oil to water.

TESTING SPECIFICATION

Appearance	Bright, Clear and Homogenous Fluid
Emulsion with Water Appearance	Milky White @2-3%
ASTM Colour	L 7
pH at 3% in tap water	8
Sp. Gravity	0.880
Viscosity at 40 ^{o}C	16.14
Flash Point C0C ^{o}C	94
Charles Beeney Test	Pass with 0/0-0
SAP Value	3.28
Cold Test	Passes
Cu Corrosion D 130 100^{o}C @ 3 Hrs	I a
Pour Point ^{o}C	+6