

“VELSOL 10000” is a superior quality soluble in cutting oil formulated from high quality base oil and high performance additive packages. The product forms a milky white emulsion with water. It performs excellently on ferrous and non-ferrous metals.

FEATURES

- The product possesses outstanding anti-rusting properties
- The product incorporates a biocide to prevent bacterial growth and enhance the sump life.
- Provides Good Cooling effect due to Aqueous base and hence increases tooling life.
- It has inbuilt chelating agents which make it compatible with hard water up to 500 ppm
- It imparts excellent surface finish and minimises tool wear. Superior cooling and lubricity properties.
- It can provide excellent performance for heavy duty operations also.

BENEFITS

- Superior and Outstanding anti rust properties
- Stable emulsion leading to extended emulsion life. Resists bacterial attack
- Extended tank life
- Excellent wetting properties and ensures surface finish
- Hard water compatible
- Outstanding cooling properties, ensures heat excellent dissipation, surface finish and enhanced tool life

CHARACTERISTICS

- Extended sump life
- Enhances Tool life
- Stable Emulsion
- High Resistance to Microbial Degradation
- No Skin Irritation

APPLICATIONS

Recommended for all cutting operations on both ferrous and non-ferrous metals, where soluble cutting oil with exceptional anti-rust properties is required. For stable emulsions always add oil to water and ensure good house keeping practices.

TESTING SPECIFICATION

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|------------------------------|-----------|
| pH at 5% | 9.4-9.6 |
| Density at 29.5 °C | 0.86-0.90 |
| Kinematic Viscosity at 40 °C | 24-26 |
| Flash Point COC °C | 170-175 |
| Cast iron corrosion test | Passes |
| Copper strip corrosion test | Passes |