

VELCOOL SUPERCUT HD



VELIKO

LUBRICANTS

“VELCOOL SUPERCUT HD” is a superior quality, multi-metal soluble Semi synthetic cutting oil with high mineral oil content. It is fortified with extreme pressure additives and provides excellent cutting performance for a broad range of applications. It is compatible with ferrous as well as non ferrous metals

FEATURES

- Excellent Anti Corrosion Property.
- Does not contain toxic elements like Phosphorous, Sulphur and Chlorine.
- Contains salts of high molecular weight and Mild Alkaline PH .
- Devoid of Bacterial growth due to special additives.
- Provides Good Cooling effect due to Aqueous base and hence increases tooling life.

BENEFITS

- Excellent performance in toughest operations
- Good Sterling & low foaming properties
- Mist Suppression
- Excellent Dissipation of Heat
- High Amount of Lubrication
- Effective Biocidal & Fungicidal effect
- Prolonged sump life & tool life
- Excellent Corrosion Inhibition
- Suitability for Ferrous and non Ferrous Metal
- Non toxic and environment friendly

APPLICATIONS

1)Drilling 2)Grinding 3)Tapping 4)Reaming 5)Turning 6)Boring 7)Milling

TESTING SPECIFICATION

Appearance	Homogenous Medium Viscous Dark Amber(Brown)
Emulsion with 5% Water Appearance	Milky Light Greyish Yellow Micro Emulsion
Mineral Oil Content	47%
pH of 5% Emulsion	8.5
Sp. Gravity at 29.5 °C	0.985
Viscosity at 40 °C	60 cST
Refractive Index 5%	1
De-Foam In 50 PPM Water	Nil
Chlorine Content	6%
Flash Point	140 °C

CHARACTERISTICS

- Minimum Environmental Hazard
- Nitrite Free
- Easy Disposal
- Easy Removal of Contamination from Sump
- Lower Usage Rates
- High Resistance to Microbial Degradation
- No Reaction with brass or Copper
- No Skin Irritation

MACHINING

- Cast Iron
- Mild Steel
- Forged Material
- Aluminium
- Ferrous and Non Ferrous
- Copper
- Brass