



# Solucut SS

Semi Synthetic Soluble Cutting Oil

## TECHNICAL DATA SHEET

### Product Description:

Veedol Solucut SS is semi synthetic bio-stable soluble oil specially developed for light to medium duty machining and grinding applications.

Veedol Solucut SS is formulated with highly effective additives which minimizes acidification in soluble oil and prevents growth of bacteria and fungi.

Veedol Solucut SS is free from active sulphur, silicones, phenols and nitrates and it provides highly stable micro emulsion even with very hard water (<450 ppm).

Veedol Solucut SS is not suitable for non-ferrous metals

### Features/Benefits:

- Outstanding cooling and wetting ability
- Unique extreme pressure and lubricity package for significantly extended cutting efficiency and tool life.
- Exceptional surface finish on ferrous metal.
- Excellent emulsion stability
- Very low foaming with rapid foam breaks, for significantly extended sump life.

### Recommended Concentrations:

Grinding. . . . . 3 - 5%  
Light to medium duty machining. . . . . 5 - 7%  
Heavy duty machining. . . . . Above 7%

### Application:

Veedol Solucut SS is recommended for all machining and grinding applications.

### Typical Properties:

Appearance	Clear Brown Liquid
Odour	Mild
Emulsion Type Tap water	Translucent to slight milky
Stability (0°C/Ambient/50°C)	Clear Stable
pH @ 5% in tap water	9 – 9.7
Refractometer Factor	1.6

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