

Silvol Soluble Cutting Oil

SILVOL SOLUBLE CUTTING OIL is formulated using selected mineral base oil, emulsifier and biocides and selected additives. It forms stable milky emulsion with water and contains a rust inhibitor to impart anti-corrosion properties. It causes no discoloration or staining, no corrosion of machine, work piece or tool.

Product features:

- Superior cooling and lubrication properties which imparts excellent surface finish and minimize tool wear
- Excellent oxidation & chemical stability
- Prevents rust and corrosion of metal parts
- Prevents bacterial action and objectionable odour

Consumer benefits:

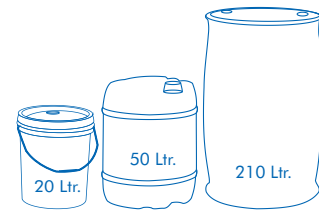
- Low volatility, high temperature
- No smoke or fog formation on use
- Low fluid friction

Applications:

- SILVOL SOLUBLE CUTTING OIL is recommended for protocol MC and is normally used in concentration of 3 to 5% and for grinding, more dilute, stable emulsion, oil should always be added with water and not vice versa with continuous stirring.
- Recommended for metal cutting, drilling, shaping, grinding other metal removal operations on copper, bronze, steels, aluminum and other alloys.

Performance level : IS 1115: 1986
(Reaffirmed March, 2002)

Available in :



SPECIFICATIONS

Sr.	Properties	Soluble Cutting Oil
1	Kinematic Viscosity, cSt@40°C Min.	REPORT
2	Flash Point, COC, °C Min.	170
3	Copper Strip Corrosion properties	Passes
4	Cast Iron Corrosion Properties	Passes
5	pH 5% emulsion in D/W	8-9
6	Emulsion stability (for 24hrs)	
	5% in tap water	Stable
	5% in 400ppm water	Stable
7	Heat stability Properties (at 0 to 5 °C)	Passes
8	Volatile matter @100 °C for 16hrs. % by mass, Max.	20

* The specifications are subject to variations / development / customization