



## Synergy SCO Coolube

### Soluble cutting oil

SCO Coolube is a water soluble metal working fluid broadly used in machine shops as a multifunctional cutting fluid. It is primarily designed to cool and lubricate the contact point of the tool and the work piece.

SCO Coolube is a high grade soluble oil designed as an extremely stable milky emulsion for application in a wide range of metal cutting operations. It gives excellent tool life and finish in all metal cutting operations as well as ensuring a lasting ability to prevent corrosion.

### APPLICATIONS

- Used extensively in milling, drilling, gear cutting, turning, planing, shaping, sawing and grinding operations
- Provides excellent in process corrosion protection. Use of this product is not recommended for long term rust prevention
- Always add the oil to water to avoid forming sticky invert emulsions

### BENEFITS

- Minimal separation gives excellent emulsion even with hard water
- Good rust protection for steel works and machined parts even with water/oil emulsion ratios up to 15:1
- Cooling gives improved metal wetting and chip settling
- Reduced foaming minimises possibility of sump overflow
- Good stability in storage reduces tendency to turn rancid



#### KEY PROPERTIES

Flash Point COC °C		183.0
Pour Point, °C		-12.0
Viscosity	mm <sup>2</sup> /s @40°C	46.0
	mm <sup>2</sup> /s @100°C	6.90
Viscosity Index		104.0

#### ENVIRONMENTAL, HEALTH & SAFETY

Environmental, Health & Safety Information of this product is available in Synergy Material Safety Data Sheet (MSDS). Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain MSDS for this product, please contact Synergy Lubricant Technology Department.

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variations not exacting performance can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.