

# EPPCO SUPERCUT G SOLUBLE OIL

## PRODUCT DESCRIPTION

**EPPCO SUPERCUT G SOLUBLE OIL** is a premium quality soluble cutting oil manufactured from a mixture of special base oils and carefully balanced blend of emulsifying agents to produce a fluid with maximum cooling ability, excellent lubricity and anti-weld properties, very stable emulsifying agents with biocide to provide good resistance to bacterial growth. **EPPCO SUPERCUT G** has a good alkalinity reserve with low foaming tendencies.

## APPLICATIONS

**EPPCO SUPERCUT G SOLUBLE OIL** has been developed to operate over a wide range of carbon steel machining operations. Suitable for light machining such as drilling, planning, milling in soft in normal water conditions, **EPPCO SUPERCUT G** can also be used for grinding where a clean emulsion is required to rapidly settle-out the grinding metal fines.

## WATER DILUTION GUIDE (Parts water to Parts oil)

OPERATION	DILUTION RATIO
DRILLING	10:1 to 15:1
GRINDING	30:1 to 50:1
REAM/BORE	10:1 to 15:1
TURNING	15:1 to 30:1
SAWING	10:1 to 15:1
MILLING	10:1 to 15:1

General practice is to add the soluble oil to the water.

## BENEFITS

- ◆ Efficient in machining and grinding
- ◆ Provides a high precision surface finish
- ◆ Detergency assists flushing of swarf and settling of fines
- ◆ Effective rust protection of machined parts and machine tool
- ◆ Longer emulsion life due to better bacterial control
- ◆ Alkalinity reserve improves the emulsion's resistance to bacteria

Technical Data*	
Specific Gravity @ 15 °C	0.890
Appearance	C & B
Kinematic Viscosity mm <sup>2</sup> /s @ 40°C	34
Flash point °C	188
Corrosion Test IP 287 @ 20:1	Pass
Emulsion Test	Pass
Product code	371001

\*The information prepared provides the typical properties that are considered as representative. Some variation which will not affect performance is possible

## HEALTH AND SAFETY, ENVIRONMENT

The information on this product is available in the ENOC Material Safety Data Sheet (MSDS) as a guide to the precautions and safe handling of this product and its disposal. For further information we recommend you review the MSDS. Handled correctly there are no special precautions suggested.