

ENOC COOLCUT G SOLUBLE OIL

PRODUCT DESCRIPTION

ENOC COOLCUT 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. **COOLCUT G** has a good alkalinity reserve with low foaming tendencies.

APPLICATIONS

COOLCUT 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, **COOLCUT 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 ² /s @ 40°C	34
Flash point °C	188
Corrosion Test IP 287 @ 20:1	Pass
Emulsion Test	Pass
Product code	271001

*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.