

ECOCUT PLUS 20

(Also known as ECOCUT MIKRO PLUS 20)

A synthetic cutting oil for mist applications

Description

ECOCUT PLUS 20 is based on special fatty alcohols and is suitable for a wide range of Minimum Quantity Lubrication (MQL) applications.

Application

ECOCUT PLUS 20 is specially formulated for Minimum Quantity Lubrication operations on aluminium and other nonferrous metals, cast iron, steel and steel alloys.

ECOCUT PLUS 20 is highly effective and thus reduces cutting fluid consumption.

ECOCUT PLUS 20 can be used in internal and external supply system for single and double channel.

ECOCUT PLUS 20 corresponds to the German Works Association "BG" Guideline No. 6 "Low emission metalworking with MQL" and is therefore signed as "low emission lubricant".

Consult VDI guidelines 3035 and 3397, Sections 1 – 3 for perfect results.

Other Services

A comprehensive range of monitoring and maintenance systems are available from FUCHS Lubricants UK, incorporating fluid dispensing, recycling and disposal equipment.

Advantages/Benefits

- Tried and tested formulation
- Rapidly biodegradable
- Non toxic
- Odour neutral
- Non water-polluting
- No residues
- Dry workpieces, machines and chips
- Increases tool life

The advantages of minimum quantity lubrication are:-

- Leaves no residues on workpieces
- Dry workpieces, machines and chips
- No cutting fluid disposal necessary
- Increased tool life
- Higher performance than conventional fluids

Specifications

- Approved by Boeing under process specification number BAC 5008 and PSD 6-116. This cutting fluid may be used for any operations falling within the BAC 5008/PSD 6-116 process.

CHARACTERISTICS: ECOCUT PLUS 20

Characteristics	Unit		Test Method
Density at 15°C	g/ml	0.84	DIN 51 757
Colour	ASTM	0	DIN ISO 2049
Kinematic viscosity at 40°C	mm ² /s	27	DIN 51 562-1
Flash point	°C	188	DIN ISO 2592
Evaporation loss	%	60	DIN 51 581-1
Copper corrosion	degree	1-100 A3	DIN EN ISO 2160

ECOCUT PLUS 20 is also known as ECOCUT MIKRO PLUS 20 outside the UK.

Component Protection

Following manufacturing operations Fuchs recommends the use of our fully compatible RENOCLEAN cleaners and ANTICORIT corrosion preventives to clean and protect your components. Please refer to data sheets, or contact your local Fuchs Area Manager to discuss your requirements.

Storage conditions:

0 to 40°C