

# **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.

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FUCHS LUBRICANTS (UK) PLC New Century Street, Hanley GB-Stoke-on-Trent, Staffordshire, ST1 5HU





TS 504287 FM 58508 FM 609812 OHS 575079 EMS 71162 ENMS 6213 Health, Safety and Environment - information is provided for products in the relevant Safety Data Sheet. This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products.



## **CHARACTERISTICS: ECOCUT PLUS 20**

Unit		Test Method
g/ml	0.84	DIN 51 757
ASTM	0	DIN ISO 2049
mm²/s	27	DIN 51 562-1
°C	188	DIN ISO 2592
%	60	DIN 51 581-1
degree	1-100 A3	DIN EN ISO 2160
	g/ml ASTM mm²/s °C %	g/ml 0.84   ASTM 0   mm²/s 27   °C 188   % 60

#### 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

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While the information and figures given here are typical of current production and conform to specification, minor variations may occur. No warranty expressed or implied is given concerning the accuracy of the information or the suitability of the products