



ITALUB ECOCUT 32

Application:

Emulsifiable oil formulated with paraffinic mineral bases and with a modern concept emulsifier, which allows to obtain in the water milky emulsions extremely stable over time and with high protective anti-corrosion power.

Features:

The main features as well as the advantages towards competing products prepared for use specific, they are:

- Easy miscibility in water.
- Excellent emulsion stability even with hard water.
- Excellent anti-corrosion and anti-rust properties of machine tools and machined parts.
- High antibacterial power, such as to ensure a long life to the charges in use.
- Absence of unpleasant odors with minor problems of general maintenance.

Typical properties:

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Appearance	Clear
Color	Amber
Density @ 20°C, Kg/l, ASTM D-1298S	0,890
pH/Emulsion at 3%	7,2 – 8,2
Anti-corrosion / Emulsion test at 3% IP-125	Passing

FIELD OF APPLICATION:

The product can be used in all conventional processes such as grinding, turning, milling, saw cutting of all ferrous materials and almost all yellow alloys with easy and medium workability, at concentrations in water varying between 3-10%.

REFERENCE CONCENTRATIONS:

The table below shows the recommended dilutions for the various types of machining.
Type of processing recommended dilutions:

- Grinding 3%
- Turning and milling 4% - 5%
- Drilling 5% - 7%
- Tapping and Threading 5% - 7%
- Saw cutting 7% - 10%

Health and Safety:

The data related to health, safety and environmental protection are provided in the material safety data sheets.

The above figures are those relating to normal manufacturing tolerances and do not constitute a specification.

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