



## ITALUB EMULG 3/10

### Product Description:

Emulsifiable oil formulated with paraffinic mineral bases and with a modern conception emulsifier, which allows to obtain in the water highly stable lactogenous emulsions in time and with high protective corrosion protection.

### Features:

The main features as well as the advantages of competing products designed for use specific, are:

Easy miscibility in water.

Excellent emulsion stability even with hard water.

Excellent anticorrosion and anti-rust properties of machine tools and parts processed.

High antibacterial power, which assures a long life in the exercises.

No unpleasant odors with minor general maintenance problems.

### Typical properties:

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

### Field application:

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

### Reference concentrations:

The following table shows the recommended dilutions for the various types of mechanical machining. Type of work recommended dilution:

Grinding 3%

Turning and milling 4% - 5%

Drilling 5% - 7%

Tapping and Threading 5% - 7%

Sawmill 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.*

**EMULG 3/10** Date Created: 18/01/2013 Last Edit: 17/05/2019

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