



CHALLOILS ECOCUT 32

Product Description:

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 and Benefits:

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 workpieces machined.
- 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:

CHALLOILS ECOCUT 32

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

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 cut 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.

ECOCUT 32 Date Created: 18/01/2013 Last Edit: 20/07/2018

This data sheet and the information it contains is believed to be correct with specific reference to the date of printing. The accuracy or completeness of the data and information contained in this publication are not binding in any way the responsibility of the company. The user has the obligation to evaluate and use products safely and in accordance with all applicable laws and regulations currently in force. No statement made in this publication shall be construed as a permission, recommendation or authorization given or implied to practice any patented invention without a license. The GL OIL S.P.A. can not be held responsible for any damage or injury resulting from incorrect use of the product or of any lessening the recommendations or any risk arising from the nature of the material.