

Product Data Sheet

Mobilcut 222 Semi Synthetic Biostable Metalworking Fluid

Product Description

Mobilcut 222 is a high oil content biostable semi-synthetic water emulsifiable metalworking fluid. Multi-purpose in application, Mobilcut 222 is ideal for flexible machine shops.

Mobilcut 222 is specially formulated to meet machine tool manufacturers minimum 40% oil content requirements and to offer a high performance level over a wide range of machining operations.

Benefits

Mobilcut 222 offers the following benefits:

- High oil content emulsion gives excellent charge life
- Low foaming tendency in soft water
- Excellent machine tool lubrication - no sticky deposits or lacquers on slides and fixtures
- Wide application range including machining of ferrous metals some stainless steels and certain non-ferrous metals
- Resistant to bacterial degradation and tramp oil emulsification
- Suitable for a wide range of operations therefore allows product rationalisation in most machine shops
- Oil content of over 40% meets the requirements of all machine tool manufacturers

Applications

The high oil content and excellent biostability together with the wide range machining capability make Mobilcut 222 an extremely cost effective product for most machine shops.

Recommended Dilutions

General Machining ferrous and non ferrous metals	5 - 8%
Grinding, including centreless	4 - 6%

Consult your local Mobil Area Sales Engineer for a precise concentration recommendation based on the application.

Note

Use dilute emulsion 1-2% for top up. Never top up with water.

Storage

Mobilcut 222 concentrate must be stored in frost free conditions minimum temperature 5°C

Health and Safety

Based on available toxicological information, it has been determined that this product poses no significant health risk when used and handled properly.

Details on handling, as well as health and safety information, can be found in the Material Safety Data Bulletin which can be obtained through Mobil Oil Company Ltd., by telephoning 01372 22 2000.

Typical physical characteristics are given in the table. These are intended as a guide to industry and are not necessarily manufacturing or marketing specifications.

Product Characteristics

Mobilcut 222

Appearance	Amber
Specific Gravity at 20°C	0.99
pH at 5% emulsion	9.0 - 9.5
Emulsion Type	Semi translucent
Corrosion Test (IP 287)	2% Break Point

Due to continual product research and development, the information contained herein is subject to change without notice

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