

Product Data Sheet

Mobilcut 232 Semi Synthetic Metalworking Fluid

Product Description

Mobilcut 232 is a high oil content biostable semi-synthetic water emulsifiable metalworking fluid.

Mobilcut 232 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. Mobilcut 232 has been designed to exhibit low maintenance properties.

Benefits

Mobilcut 232 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 and tramp oil degradation
- Suitable for a wide range of operations therefore allows product rationalisation in most machine shops

Applications

The high oil content and excellent biostability, together with the wide range machining capability, make Mobilcut 232 a cost effective product for most machine shops.

Recommended Dilutions

General Machining	
ferrous metals	5 - 10%
non ferrous metals	4 - 7%

Consult your local Mobil 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 232 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 232

Appearance	Amber
Specific Gravity at 20°C	0.99
pH at 5% Emulsion	9.0 - 9.4
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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