

Product Data Sheet

Mobilcut 242 Multipurpose Metalworking Fluid

Product Description

Mobilcut 242 is a biostable chlorine free high performance metalworking fluid.

Mobilcut 242 is formulated with high levels of extreme pressure and lubricity additives to give excellent machining performance in the most arduous of machining operations. It is particularly suitable for the machining of aluminium.

Benefits

Mobilcut 242 offers the following benefits:

- Outstanding machining performance on aluminium, non-ferrous metals and ferrous metals including stainless steels
- Chlorine free therefore can be used for machining all materials including those used in the Aerospace Industry
- Low staining tendency
- Highly resistant to bacterial degradation
- Stable in a wide range of diluent water qualities
- No sticky deposits on machine tool slides and fixtures

Applications

Mobilcut 242 is recommended for all heavy duty applications on aluminium, steels and yellow metals.

Recommended Dilutions

Turning, Drilling, Sawing, Milling, Reaming ferrous and non ferrous metals	5 - 8%
Grinding (heavy stock removal)	5%

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 242 must be stored in frost free conditions with a minimum temperature of 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 242

Appearance	Amber
Specific Gravity at 20°C	0.99
pH at 3% emulsion	9.2
Emulsion Type	Semi translucent emulsion
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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