

Product Data Sheet

Mobilcut 262 High Performance Biostable Metalworking Fluid

Product Description

Mobilcut 262 is a biostable chlorine free high performance metalworking fluid.

Mobilcut 262 is formulated with a high level of extreme pressure and lubricity additives to give excellent tool life in the most arduous machining operations.

Benefits

Mobilcut 262 offers the following benefits:

- Outstanding machining performance on ferrous metals including high tensile steels and stainless steel
- Suitable for machining aluminium and non ferrous metals
- High level of bacterial resistance
- Very stable emulsion in a wide range of diluent water qualities over a long service life
- No sticky deposits on machine tool slides and fixtures
- Chlorine free therefore can be used for machining most aluminium alloys used in the Aerospace Industry
- Resistant to bacterial oil degradation

Applications

Mobilcut 262 is recommended for all heavy duty machining operations on steels aluminium and yellow metals.

It can be used as a replacement for mineral oil or vegetable oil based grades for tapping and threading high tensile steels and in gear cutting operations.

Recommended Dilutions

Grinding (heavy stock removal)	5 - 10%
Turning, Drilling, Sawing, Milling, Reaming	5 - 10%
Deep Hole Boring, Gear Grinding	5 - 10%

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 262 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 262

Appearance	Opaque amber fluid
Specific Gravity at 20°C	0.99
pH at 3% emulsion	Semi translucent emulsion
Emulsion Type	9.0 - 9.4
Corrosion Test (IP 287)	2.5% Break Point

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

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