

Vegetable based cutting fluid for medium to heavy duty applications without formaldehyde releasing biocides



Description

Cimtech 925FF is a water miscible, mineral oil free, emulsion type cutting fluid concentrate, with a unique combination of non-mineral oil lubricants. Cimtech 925FF is free from formaldehyde releasing biocides.

Application

Cimtech 925FF is a vegetable based cutting fluid recommended for medium to heavy duty machining of all ferrous and most non-ferrous metals. Cimtech 925FF is a product designed for use in individual machines and central systems.

Cimtech 925FF is developed for soft to medium water-hardness (7,5 to 20°dH starting water).

Features and benefits

- Free from Formaldehyde Releasing Agents (FRA).
- Clean, mild and pleasant to use: no mineral oil mist.
- Provides excellent lubrication over a wide range of applications and materials.
- Carefully selected raw materials ensure a long fluid life.
- Good washing action and low foaming characteristics.
- Cimtech 925 fulfils all the latest international health, safety and environmental regulations (TRGS 611).

Methods of application

Cimtech 925FF is easy to mix, normal stirring only. For automatic mixing, the use of the Cimcool Mix Master S is recommended. Typical starting water temperature conditions should be 5 - 25°.

Recommended starting concentration

Grinding	4 - 6 %
Machining	6 - 8 %

Mix Master S

Concentration** can easily be obtained by setting the regulator to the correct number.

** The concentration may vary depending on local conditions. It is therefore always advised to check using the refractometer.

Concentration analysis

For concentration analysis, use the below given method or an appropriate laboratory procedure available from your local stockist.

Refractometer factor:	1.7
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If the refractometer is used, the resultant reading multiplied by a factor of 1.7 will only be relevant when applied to a fresh mix.

Cimcool TA kit	Use 2 ml. mix								*: next syringe	
%	1	2	3	4	5	6	7	8	9	10
Reading	0.85	0.74	0.63	0.52	0.40	0.29	0.18	0.07	*.95	*.84

Handling and storage

Protect from freezing, direct sun and store between 5 - 35°C.

Packaging type

200 and 1.000 litre.

Safety Data Sheet

The Safety Data Sheet should be consulted for specific information and information on Health, Safety and Environment when handling this product.



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