

CIMPERIAL® 900FF

Cutting and grinding fluid for heavy to extreme heavy-duty applications without formaldehyde releasing biocides



Description

Cimperial 900FF is a clear, water miscible, formaldehyde releasing biocide free, preformed microfine emulsion type cutting fluid concentrate.

Application

Cimperial 900FF is a general-purpose cutting fluid for machining and grinding of cast-iron and steel. Also very effective on aluminium and aluminium alloys applications. Cimperial 900FF is designed for use in individual machines and in central systems.

Features and benefits

- Carefully selected raw materials ensure a long fluid life.
- No increased disposal costs - chlorine free.
- Mild product with excellent corrosion control.
- Clean product - keeps grinding wheels open and machines clean.
- Provides a high quality finish.
- Increase production: Cimperial 900FF contains effective lubricants which reduce the amount of heat created in the cut and also quickly disperses the heat. These features permit higher speeds and feeds, thereby increasing production.
- Can be used in water up to 15 - 25° dH.

Methods of application

Cimperial 900FF is easy to mix, normal stirring only. For automatic mixing, the use of the Cimcool® Mix Master or Cimcool Mix Master S is recommended. Typical starting water temperature conditions should be 5 - 25°C.

Recommended starting concentration

Grinding & machining	5 - 10 %
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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 or TA Kit.

Concentration analysis

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

Refractometer factor:	1.0
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If the refractometer is used, the resultant reading multiplied by a factor of 1.0 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	0.86	0.75	0.65	0.54	0.44	0.33	0.22	0.12	0.01	*.91

Handling and storage

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

Packaging type

5, 25, 200 and 1000 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.



Cimcool Industrial Products
Schiedamsedijk 20
3134 KK Vlaardingen
The Netherlands
Tel: +31 (0)10-4600660
cimcool.eu@duboischemicals.com
www.cimcool.com

