

Cutting and grinding fluid for light to medium applications without formaldehyde releasing biocide



Description

Cimstar 405FF is a clear, water miscible, formaldehyde releasing biocide free semi-synthetic cutting fluid concentrate.

Application

Cimstar 405FF is a general-purpose and very clean cutting fluid recommended for light to medium duty grinding and machining of all ferrous metals.

Cimstar 405FF is designed for use in individual machines and central systems.

Features and benefits

- Formaldehyde Releasing Agent (FRA) free.
- Covers a wide range of materials and operations.
- Keeps grinding wheels open and free cutting.
- Exceptional long fluid life and corrosion control.
- Good settling characteristics.
- Excellent washing action.
- Specially selected raw materials ensure a good fluid stability.
- Universal; covers a wide range of water hardness (5 - 20° dH)
- Clean product giving a pleasant working environment
- Low fluid consumption – very economical

Methods of application

Cimstar 405FF 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	4 - 6 %
----------------------	---------

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:	2.3
-----------------------	-----

If the refractometer is used, the resultant reading multiplied by a factor of 2.3 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	0.84	0.70	0.56	0.43	0.29	0.15	0.01	*.88	*.74	*.60

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

