

CIMSTAR® 31-57FF

Medium to heavy duty cutting and grinding fluid
without formaldehyde releasing biocide



Description

Cimstar 31-57FF is a water miscible, formaldehyde releasing biocide free preformed microfine emulsion type cutting fluid concentrate.

Application

Cimstar 31-57FF is a general-purpose cutting fluid recommended for medium to heavy duty grinding and machining of all ferrous and most non-ferrous metals. Cimstar 31-57FF is a product designed for use in individual machines and central systems.

Features and benefits

- Future proof: Formaldehyde releasing biocide free
- Specially selected raw materials ensure a long fluid life.
- Suitable for a wide range of materials and operations.
- Excellent emulsion stability, can be used in water up to 10 - 30° dH.
- Clean product - keeps grinding wheels open and machines clean.
- Very economical due to its low top-up concentration.

Methods of application

Cimstar 31-57FF 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	4 – 5%
Standard machining	6 – 8%
Heavy duty machining	8 – 10%

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:	1.6
-----------------------	-----

If the refractometer is used, the resultant reading multiplied by a factor of 1.6 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	0.87	0.76	0.65	0.54	0.43	0.32	0.21	0.10	*.99	*.88

Handling and storage

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

Packaging type

25, 1000 and 200 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: (0)10-4600660
cimcool.eu@duboischemicals.com
www.cimcool.com

