

CIMSTAR® 311FF

Light to medium duty cutting and grinding fluid without formaldehyde releasing biocide



Description

Cimstar 311FF is a low oil, water miscible, formaldehyde releasing biocide free, cutting fluid concentrate.

Application

Cimstar 311FF is a general-purpose cutting and grinding fluid for use in single machines and central systems on all ferrous and most nonferrous metals. Cimstar 311FF is suitable for soft water (typical between 5 and 15° dH).

Features and benefits

- Long fluid life due to the special product composition.
- Contains no formaldehyde releasing biocides.
- Excellent washing action and residue characteristics.
- Effective lubrication and cooling action.
- Very clean, pleasant to use, low misting, good foam control.
- Economical due to low top-up concentration.

Methods of application

Cimstar 311FF 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 - 6 %
Machining	5 - 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 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:	2.8
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If the refractometer is used, the resultant reading multiplied by a factor of 2.8 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	0.78	0.62	0.46	0.29	0.13	*.97	*.81	*.64	*.48	*.32	

Handling and storage

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

Packaging type

20, 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.



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