

CIMSTAR® 606FF

Cutting and grinding fluid for medium to heavy-duty applications without formaldehyde releasing biocide



Description

Cimstar 606FF is a clear, amber, water miscible, preformed microfine emulsion type cutting fluid concentrate.

Application

Cimstar 606FF is a general-purpose cutting fluid recommended for medium to heavy duty grinding and machining of all ferrous and most non-ferrous metals. Cimstar 606FF is a product designed for use in individual machines as well as central systems, and is designed to be used in harder water (typical 10-25dH).

Features and benefits

- Excellent emulsion stability - can be used in water up to 25°dH.
- Specially selected raw materials ensure a long fluid life.
- Very mild product.
- Very economical - low topping up concentration.
- Clean product - keeps grinding wheels open and machines clean.
- Excellent lubrication.

Methods of application

Cimstar 606FF 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:	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	0.86	0.74	0.62	0.49	0.37	0.25	0.12	0.00	*0.88	*0.75		

Handling and storage

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

Packaging type

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.



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