

Cutting and grinding fluid for medium to heavy-duty applications



### Description

Cimstar MB612-02 is a clear, amber, water miscible, preformed microfine emulsion type cutting fluid concentrate.

### Application

Cimstar MB612-02 is a special designed general-purpose cutting fluid recommended for medium to heavy duty grinding and machining of all ferrous and most non-ferrous metals. In hard water Cimstar MB612-02 is a product designed for use in individual machines and central systems.

### Features and benefits

- No increased disposal costs - free of chlorine
- Excellent emulsion stability - can be used in water up to 50°dH
- Carefully selected raw materials ensure a long fluid life.
- Very mild product - free of bactericide
- Very economical - low topping up concentration
- Clean product: keeps grinding wheels open & machines clean specially in hard water.

## Methods of application

Cimstar MB612-02 is easy to mix, normal stirring only. For automatic mixing, the use of the Cimcool® MixMaster or Cimcool MixMaster S is recommended. Typical starting water temperature conditions should be 5 - 25°C.

## Recommended starting concentration

Grinding	4 - 6%
Machining	5 - 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
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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	0.82	0.71	0.60	0.50	0.39	0.28	0.17	0.06	*.95	*.84	

## Handling and storage

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

## Packaging type

5, 25, 1000 and 200 litre and bulk

## 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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