

CIMSTAR® 31-42FF

Cutting and grinding fluid for medium duty applications without formaldehyde releasing biocides



Description

Cimstar 31-42FF is a water miscible, formaldehyde releasing biocide free, semi-synthetic cutting fluid concentrate for medium duty applications.

Application

Cimstar 31-42FF is a general purpose low foaming cutting and grinding fluid for use in single machines and central systems on all ferrous and most non-ferrous metals. Concentration range 5-12%.

Cimstar 31-42FF is suitable for soft water (2,5 - 10° dH).

Features and benefits

- Good corrosion control
- Long fluid life due to the special product composition.
- Clean machines due to good washing action
- Effective lubrication and cooling action.
- Formaldehyde releasing biocide free.

Methods of application

Cimstar 31-42FF 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	5 - 10 %
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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:	2.5
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If the refractometer is used, the resultant reading multiplied by a factor of 2.5 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	0.83	0.69	0.55	0.42	0.28	0.15	0.01	*.87	*.74	*.60	

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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