

CIMSTAR[®] 141FF

Formaldehyde releasing biocide free cutting and grinding fluid for medium duty applications



Description

Cimstar 141FF is a clear, water miscible, formaldehyde releasing agent (FRA) free preformed microfine emulsion type cutting fluid concentrate.

Application

Cimstar 141FF is a general-purpose cutting fluid recommended for medium duty grinding and machining of all ferrous and most nonferrous metals. Cimstar 141FF is a product designed for use in individual machines and central systems. Cimstar 141FF is suitable for starting water hardness 7 - 15°dH.

Features and benefits

- Formaldehyde releasing agent (FRA) free product.
- Long fluid life due to the special product composition.
- Suitable for a wide range of materials and operations.
- Does not stain aluminium and aluminium alloys.
- Excellent emulsion stability.
- Clean and mild product.
- Good foam control in the indicated water hardness range.
- Low consumption due to the low top up rate.

Methods of application

Cimstar 141FF 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 - 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.

Concentration analysis

For concentration analysis, use the below given method or an appropriate laboratory procedure available from your local stockist.

Refractometer factor:	1.8
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If the refractometer is used, the resultant reading multiplied by a factor of 1.8 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	0.87	0.75	0.63	0.51	0.39	0.27	0.15	0.03	*.91	*.79

Handling and storage

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

Packaging type

5, 25, 200 and 1.000 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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