

CIMVANTAGE® 46FF

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



Description

Cimvantage 46FF is a multi-purpose, water miscible, micro-fine emulsion. Cimvantage 46FF is free from formaldehyde releasing biocides.

Application

Cimvantage 46FF is a general purpose cutting fluid recommended for medium duty grinding and machining of all ferrous metals. It is specifically designed for use in medium to hard water (10-25° dH).

Features and benefits

- Suitable for a wide range of materials and operations.
- Clean and mild product.
- Good foam control in the indicated water hardness range.
- Easy to mix.
- Can be used in water up to 5 - 15° dH.

Methods of application

Cimvantage 46FF 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

	Cast iron and carbon steel	Steel alloys and stainless steel
Grinding	5.0%	6.0%
Standard machining	6.0%	10.0%

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:	3.1
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If the refractometer is used, the resultant reading multiplied by a factor of 3.1 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	0.64	0.52	0.41	0.29	0.18	0.06	*.95	*.83

Handling and storage

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

Packaging type

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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