

CIMTECH® 10FF

Light duty formaldehyde releasing

biocide free synthetic metal working fluid



Application

Cimtech 10FF is a Formaldehyde Releasing Agent (FRA) free synthetic fluid recommended for light duty grinding and machining operations of ferrous materials. It can be used in individual machines as well as in central systems. Cimtech 10FF can also be used for submerged testing of finished and semi-finished parts. Cimtech 10FF has proven itself as a suitable glass-grinding product as well. Cimtech 10FF is suitable for a (starting) water hardness range between 0 - 15 dH.

Features and benefits

Cimtech 10FF is a transparent and very clean grinding fluid, which will keep grinding wheels open. It ensures long fluid life due to the unique product composition, and shows excellent residue characteristics, combined with excellent settling behaviour.

Cimtech 10FF does not contain borates. This improves the fluid's residue characteristics and eliminates waste water treatment concerns. Corrosion control of Cimtech 10FF may be influenced by the water quality. When enhanced corrosion control is required, Cimtech 35-15 is recommended.

Cimtech 10FF has superior cleanliness and rejects tramp oil. It also has excellent foam control, low misting qualities, excellent washing action and provides perfect cooling.

Cimtech 10FF is free from Formaldehyde Releasing Agent (FRA's).

Methods of Application

Cimtech 10 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 and light machining	4 - 6 %
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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:	4.5
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If the refractometer is used, the resultant reading multiplied by a factor of 4.5 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	0.90	0.81	0.72	0.63	0.54	0.44	0.35	0.26	0.17	0.08

Handling and storage

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

Packaging type

5, 20, 200, 1000 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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