

CIMTECH[®] 31-18FF

Light duty formaldehyde releasing
biocide free synthetic metal working fluid



Application

Cimtech 31-18FF is a formaldehyde releasing biocide free synthetic fluid suitable for light duty operations. It can be used in individual machines and in central systems. Cimtech 31-18FF shows good compatibility with lead.

Features and benefits

Cimtech 31-18FF has a long fluid life and excellent corrosion control due to the unique product composition. It is a stable product developed for a wide range of water hardness (up to 30dH).

Testing shows Cimtech 31-18FF has extremely low lead dissolving properties.

Cimtech 31-18FF has superior cleanliness and rejects tramp oil. It is low foaming with low misting characteristics. Cimtech 31-18FF provides excellent washing and cooling action.

Physical and chemical properties

Appearance:	Clear liquid
Density:	1,064
pH (operating):	9,3

Methods of Application

Cimtech 31-18FF 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

In consultation with your local Cimcool Technical representative.

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:	3.6
-----------------------	-----

If the refractometer is used, the resultant reading multiplied by a factor of 3.6 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	0.71	0.50	0.29	0.07	*.86	*.64	*.43	*.21	**99	**78

Handling and storage

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

Packaging type

25, 200, 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.



Cimcool Industrial Products
Schiedamsedijk 20
3134 KK Vlaardingen
The Netherlands
Tel: +31 (0)10-4600660
cimcool.eu@duboischemicals.com
www.cimcool.com

