



### Application

Cimtech M26 is a mild synthetic fluid for medium duty machining and grinding operations. It is suitable for ferrous metals (except cast iron), titanium and nickel alloys. Cimtech M26 can be used in individual machines and in central systems.

### Features and benefits

Cimtech M26 is a clear and clean metal working fluid recommended for medium duty grinding and machining operations. It is low foaming, low misting and provides excellent cooling. Cimtech M26 offers a high-quality washing action and leaves grinding wheels open.

Cimtech M26 provides good lubrication and is highly cost effective, due to its low make-up rates and extremely long fluid life. It also has superior cleanliness and rejects tramp oil.

Cimtech M26 contains no sulphur, chlorine or formaldehyde and has a good health and safety profile. It is also boron free this improves the fluid's residue characteristics and reduces waste water treatment concerns. Can be used in water up to 30° dH.

Carefully selected raw materials ensure a long fluid life. For operations on aluminium, heavy duty machining and (creepfeed) grinding, Cimtech A31 or Cimtech A31F is especially recommended. Please consult their product application sheets for more details and specific operating conditions.

### Physical and chemical properties

Appearance:	Yellow liquid
Odour:	Mild
Density:	1,045
pH (concentrate):	10,3
pH (operating):	9,0

## Methods of Application

CIMTECH® M26 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

Medium duty grinding and machining operations	5%
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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: 2.7

If the refractometer is used, the resultant reading multiplied by a factor of 2.7 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	0.80	0.62	0.47	0.32	0.15	*.99	*.83	*.67	*.51	*.35	

## Handling and storage

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

## Packaging type

5, 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.



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