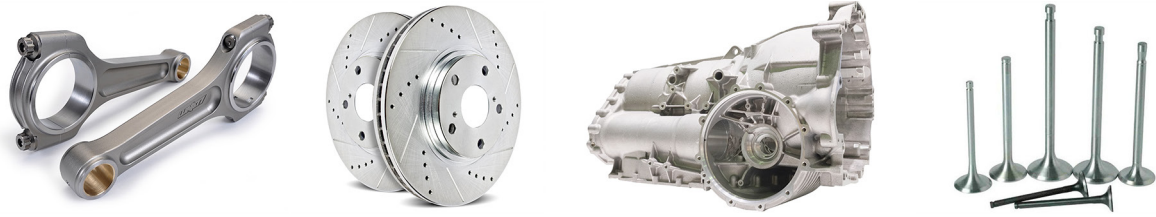


# CIMSTAR® 31-66FF

Cutting and grinding fluid for medium to heavy-duty applications without formaldehyde releasing biocide



## Description

Cimstar 31-66FF is a water miscible, medium to heavy duty, semi synthetic cutting fluid concentrate. Cimstar 31-66FF can be used in individual machines as well as central systems. Cimstar 31-66FF is free from formaldehyde releasing biocides.

## Application

Cimstar 31-66FF is designed for all medium to heavy duty grinding and machining operations. General purpose: can be used for all ferrous and most non-ferrous metals. Starting water hardness: 10-20 dH. Concentration range: 4-10%.

## Features and benefits

- Specially selected raw materials ensure a long fluid life.
- Excellent corrosion protection.
- Very mild product.
- Excellent lubrication.
- Clean product - keeps grinding wheels open and machines clean.
- Very economical - low topping up concentration.
- Formaldehyde releasing biocide free.

## Methods of application

Cimstar 31-66FF 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 - 8 %

## 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:	1.7
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If the refractometer is used, the resultant reading multiplied by a factor of 1.7 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	0.85	0.72	0.60	0.48	0.36	0.24	0.11	*.99	*.87	*.75

## Handling and storage

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

## Packaging type

25, 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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