



# CIMVANTAGE® 48FF

Cutting fluid for medium duty applications



## Description

Cimvantage 31-48 is a general purpose, water miscible, micro-fine emulsion with excellent washing action and ferrous corrosion protection.

## Application

Cimvantage 31-48 is an all-round cutting fluid recommended for medium duty grinding and machining of all ferrous metals. It is designed for a wide water hardness range (10-25° dH).

## Features and benefits

- Clean and mild product with excellent washing action.
- Economical due to low top-up.
- Suitable for a wide range of operations.
- Excellent ferrous corrosion properties.
- Good foam control in the indicated water hardness range.
- Easy to mix with water.

MILACRON® PRODUCT LINE APPLICATION SHEET



## Methods of application

Cimvantage 31-48 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 & machining	5 - 12 %
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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:	2.2
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If the refractometer is used, the resultant reading multiplied by a factor of 2.2 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	0.82	0.67	0.51	0.36	0.20	0.04	*.89	*.73	*.58	*.42

## 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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