

CIMSTAR® 37-400HW

Boron and formaldehyde releasing agent free product for medium duty applications equipped with CimShield *N-Durance* Technology



PRODUCT INFORMATION FLYER

Description

Cimstar 37-400HW is a clear, hassle free, all-round, water miscible, preformed microfine emulsion type cutting fluid concentrate. The Cimstar 37-400HW is equipped with Cimcool's CimShield *N-Durance* Technology. This latest technology innovation boosts the product "*N-Durance*" combining high alkalinity with acceptable pH, thereby securing product stability, pH buffering and corrosion protection.

Application

Cimstar 37-400HW is a general-purpose cutting fluid recommended for medium duty grinding and machining of ferrous metals. Cimstar 37-400HW is a product designed for use in individual machines and central systems. It is designed for use in medium to hard water (10 - 20° dH).

Features and benefits

The innovative blend of "*N-Durance*" materials work in synergy providing alkalinity, product stability, pH buffering and corrosion protection. The result is a next generation CimShield Technology outperforming many traditional products, by providing low-top up rates, clean machines and high product stability

Cimstar 37-400HW is a hassle free all-round micro emulsion. It provides a high quality finish and excellent stability. This stability ensures a long fluid life, which makes Cimstar 37-400HW a very cost-effective product.

Cimstar 37-400HW is a mild and clean product. It will keep grinding wheels open and maintains machine cleanliness.

Methods of application

Cimstar 37-400HW 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 - 10 %

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	0.83	0.66	0.49	0.32	0.18	0.04	*.85	*.66	*.52	*.37

Handling and storage

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

Packaging type

5, 20, 1000 and 200 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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