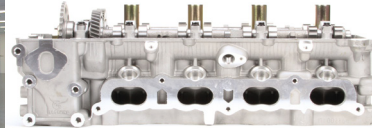


CIMSTAR® 37-240HW

Automotive line

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



PRODUCT INFORMATION FLYER

Description

Cimstar 37-240HW is a clear, water miscible, multipurpose, boron-free, preformed microfine emulsion type cutting fluid concentrate. The Cimstar 37-240HW 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 37-240HW is a general-purpose cutting fluid recommended for medium duty grinding and machining of all ferrous metals used by automotive manufacturers. Cimstar 37-240HW is a product designed for use in individual machines and central systems. It is suitable 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 37-240HW is a dedicated medium duty emulsion. It provides a high quality finish and excellent stability. This stability ensures a long fluid life, which - together with the low top up rates - makes Cimstar 37-240HW a very cost-effective product.

Cimstar 37-240HW is a mild and clean product. It will keep grinding wheels open and maintains machine cleanliness.

The effective lubricants in Cimstar 37-240HW reduce the amount of heat generated in the cutting zone thereby notably improving production.

Methods of application

Cimstar 37-240HW 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

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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