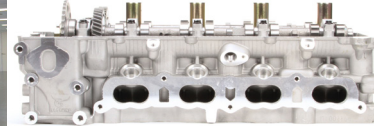


Boron and formaldehyde releasing agent free product for heavy duty applications equipped with CimShield *N-Durance* Technology



Description

Cimperial 37-286HW is a hassle free emulsion primarily developed for heavy-duty automotive machining operations, but it can be used for heavy duty grinding as well. The Cimperial 37-286HW 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

Cimperial 37-286HW has been developed for all automotive aluminium types but can be used on steel alloys as well.

Cimperial 37-286HW is especially developed for use in medium to hard water (12 to 25°dH in starting water).

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

Cimperial 37-286HW is a hassle free heavy duty emulsion specially formulated for automotive aluminium. It provides a high quality finish and excellent stability. This stability ensures a long fluid life, which makes Cimperial 37-286HW a very cost-effective product.

Cimperial 37-286HW is a mild and clean product. It will keep grinding wheels open and maintains machine cleanliness.

Cimperial 37-286HW notably improves production. Effective lubricants reduce the amount of heat generated in the cutting zone permitting higher speeds and feeds, thereby increasing production while maintaining or improving overall part quality

Methods of application

Cimperial 37-286HW is easy to mix, normal stirring only. For automatic mixing, the use of the Cimcool Mix Master S is recommended. Typical starting water temperature conditions should be 5 - 25°.

Recommended starting concentration

| | |
|------------------------|---------|
| Grinding and machining | 6 - 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.

Concentration analysis

For concentration analysis, use the below given method or an appropriate laboratory procedure available from your local stockist.

| | |
|-----------------------|-----|
| Refractometer factor: | 1.1 |
|-----------------------|-----|

If the refractometer is used, the resultant reading multiplied by a factor of 1.1 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 | 0.86 | 0.68 | 0.51 | 0.34 | 0.17 | 0.00 | *.83 | *.66 | *.49 | *.32 | |

Handling and storage

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

Packaging type

200 and 1.000 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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