

CIMCLEAN[®] APC31-111

Automotive line

Boron free water miscible parts cleaner



Application

CIMCLEAN APC31-111 is an inorganic salts free liquid cleaning compound and corrosion inhibitor designed for use in high-pressure production spray washers. It is intended for inter-operational and final cleaning of ferrous parts. CIMCLEAN APC31-111 leaves no solid residues.

Features and benefits

- CIMCLEAN APC31-111 is a mild alkaline non-foaming cleaner suitable for high pressure applications.
- CIMCLEAN APC 31-111 has broad corrosion-inhibiting characteristics. It will provide corrosion protection to ferrous metals without leaving residues that could interfere with gauging.
- CIMCLEAN APC 31-111 solutions reject oil, leading to enhanced washer cleanliness and extended solution life.
- CIMCLEAN APC 31-111 contains no boron, no phosphates or other inorganic salts, and contains no chelating agents or dyes, which can interfere with waste treatment or parts hardening.
- CIMCLEAN APC 31-111 is designed to be effective in washers operating at ambient temperatures, and is immediately and completely soluble in cold water. Solutions are heat stable, and will neither break down nor lose corrosion protection properties in washers operated at elevated temperatures.

Methods of application

Cimclean APC31-111 is easy to mix, normal stirring only. For automatic mixing, the use of the Cimcool® Mix Master or Cimcool Mix Master S is recommended. Product is also suited for dosing via conductivity. Typical starting water temperature conditions should be 5 - 25°C.

Recommended starting concentration

General cleaning applications	2 - 3%
Enhanced cleaning and corrosion control	3 - 5 %

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

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 1 ml. Mix								*: next syringe	
%	1	2	3	4	5	6	7	8	9	10
Reading	0.71	0.44	0.16	*.89	*.61	*.34	*.06	** .79	** .51	** .24

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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