

Rustopliq

Water based rust preventive liquids

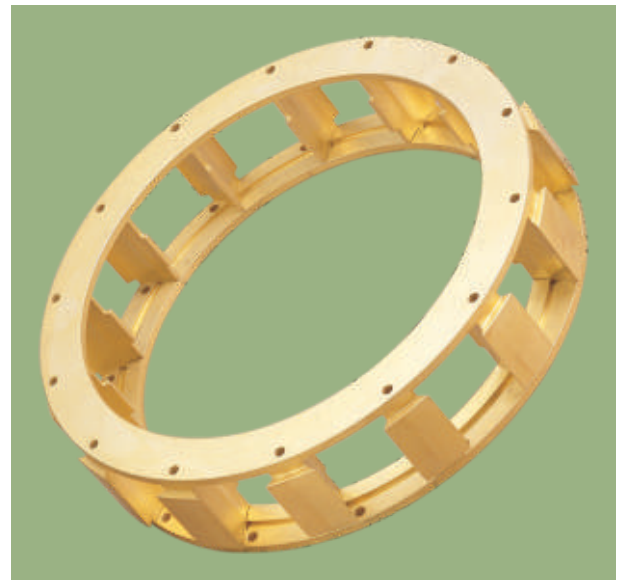


Suprabha
PROTECTIVE PRODUCTS (PVT.) LTD.

An Eskimo's home is built of ice and yet it keeps him warm. Similarly, water although known to promote corrosion in metals, especially iron and steel, can be an excellent solvent base for some of the environmentally safe chemicals such as prophylactic agents to control corrosion for short periods. The protection period is however sufficiently long to ensure in-plant and in-process protection. These products are ideal for protection from few hours to few days. Repetition of application however can extend the period of protection as desired.

This simple method of surface protection obviates the need for costly rust preventive oils and installation of conventional multi-tank system to clean the surface of oil, rust etc. on components by following cumbersome process. It completely eliminates the pollution caused by the cleaning system.

As there is no loss of liquid due to evaporation, usage of Suprabha VCI Water based eco-friendly liquid for rust prevention will be economical.



Special Features

- ▶ 100% eco-friendly and environmentally safe.
- ▶ Neutralisation action removes acidic traces present in the surroundings and avoids any further attack on the metals.
- ▶ Protection against rust during manufacturing process.
- ▶ Eliminates the ill-effect of the reminiscence of coolant and fingerprints.
- ▶ Soluble in coolant hence eliminates the need for removing protective coating.
- ▶ Non-toxic, non-hazardous, non-inflammable formulation and mild fragrance makes it ideal for in-plant use.
- ▶ No need for wrapping and oiling during storage.
- ▶ Protected areas of the component do not require cleaning / degreasing thereby saves time and effort.
- ▶ Components when additionally wrapped in Suprabha Rustopaper can offer long periods of dry protection.



| Code | Description | Applications | Special Features | Protection Period* |
|----------------------------------|---|---|---|---|
| VCI 301 | VCI liquid applied by brush, dip or spray | Short term rust prevention for ferrous items | | 25-30 days |
| VCI 302 | VCI liquid applied by brush, dip or spray | Short term rust prevention for ferrous items | <ul style="list-style-type: none"> • Neutralisation of acid traces • Leaves a powdery coating when dry | 25-30 days |
| VCI 302K VCI 302M VCI 302V | Non-film forming VCI liquid applied by brush, dip or spray | Rust prevention for ferrous items | <ul style="list-style-type: none"> • Neutralisation of acid traces • No film / surface | 25-30 days |
| VCI 304 | Film forming VCI liquid | Rust prevention for ferrous items | <ul style="list-style-type: none"> • No film • Components can be directly welded / painted / taken for assembly • Biodegradable | 3-4 months |
| VCI 305 | Non-film forming VCI liquid | Rust prevention for ferrous items | <ul style="list-style-type: none"> • No film • Components can be directly welded / painted / taken for assembly. • Biodegradable | 3-4 months |
| VCI 312-S | Water based VCI liquid | Protection for silver & silver plated components | | |
| VCI 321 | VCI Nitrite - free additive to quenching medium | Corrosion inhibition additive for spot welding or quenching process Use - 1:40 ratio | Completely biodegradable | 7-10 days |
| VCI 325 | Corrosion Inhibitor to aqueous solution | Good emulsion stabiliser | | 10-15 days |
| VCI 331 | VCI additive for soluble oil coolants | Rust inhibition during machining operations | Use - 1:40/1:25 ratio in coolant bath | 7-10 days |
| VCI 332 | VCI Nitrite, Phosphate free additive for soluble oil coolants | Rust inhibition during machining operations | Use - 1:40/1:25 ratio in coolant bath | 7-10 days |
| VCI 340 | VCI liquid applied by brush, dip or spray | Protection to bimetal & multimetal combination | Most suitable for Copper & Brass | Short term |
| VCI 355 | Polythene emulsion/ film forming VCI liquid | Protection of ferrous items | Ready to use | 8-10 months |
| BAC 333 | Bactrol - To prevent corrosion due to bacteria | For controlling bacteria growth in coolant/aqueous baths | To be used at 0.01% of bath | Extends the life of coolant by at least 1.5 times |



All statement, technical information and recommendation contained herein are based on tests we believe to be reliable, but the accuracy and completeness thereof is not guaranteed. Seller warrants product to be free from defects when shipped to user. Seller's only obligation shall be to replace within sixty days after the date of purchase, such quantity of product found defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the products. Before using user shall determine the suitability of the product for his intended use, and user assumes all risk and liability whatsoever in connection therewith. No statement or recommendation not contained herein shall have any force or effect unless in an agreement signed by officers of seller and manufacturer. The warranty offered in connection with the product is exclusive and in lieu of all other warranties, express, implied or statutory, including without limitation any implied warranty of merchantability or of fitness for a particular purpose.



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