



APPLICATION FOCUS

Who

Major naval organization

What

Corrosion prevention on equipment at sea

Why

Increase operational readiness and reduce maintenance due to corrosion

How

Enclosed mission critical equipment in **Zerust® ICT®510-C VCI Film and Bags** and protected electronics with **Vapor Capsules**

Zerust VCI Capsules and Bags Protect Marine Equipment from Corrosion at Sea

Corrosion damage is especially prevalent in marine environments, where salty air, often combined with high temperatures and humidity levels make corrosion prevention a challenge. A major naval organization faced serious corrosion issues on ship aids to navigation, bail-out pump motors and small engines. Corrosion in these areas cause malfunctions and reliability problems that are not only costly to repair, maintain or replace, but also puts the people that rely on this equipment at risk. The naval organization's efforts to combat corrosion included methods such as oiling, scraping and painting. All of these methods were inefficient, ineffective and costly.

The Solution

They needed a solution that would help mission critical equipment stay operational and reliable. At the recommendation of Zerust, the organization decided to use Zerust Vapor Capsules and Zerust ICT510-C Ferrous VCI Bags and Sheeting to protect their aids to navigation, bail-out pump motors and small engines for a six month trial period. The tests were extremely successful! No new corrosion was found on any of the equipment. Zerust products proved to be an effective solution against corrosion by improving boat operational readiness, equipment reliability and saving critical resources such as time, manpower and money.

Use For:



Zerust VCI Film and Capsules completely controlled corrosion on equipment stored on-board at sea.



Zerust VCI bags protected bail-out pumps from corrosion until they are needed.



Zerust VC2-1 Vapor Capsules prevented corrosion and eliminating electrical problems in boat battery compartments.

Zerust®

Technology that protects metal from corrosion.



ZERUST® CORROSION SOLUTIONS

VCI Kraft Packaging Paper ICT®400 Series

Acid-free, pH neutral, smooth and non-flaking corrosion inhibiting paper and poly paper offer short-term corrosion protection for metal parts. Most paper products are recyclable.*



VCI Packaging Films ICT®500 Series

Our most widely used series of products. A variety of films offer short or long-term corrosion protection for parts and equipment during storage or shipment. Most film products are recyclable.*



Rust Removers and Cleaners ICT®600 Series

Highly effective rust removers for light to severe rust removal. All ICT®600 series rust removers are non-toxic, non-hazardous and non-corrosive.

Liquid Additives and Coatings ICT®700 Series

Temporary corrosion protection for parts in-between production processes, during storage, or for added protection to the ICT® 500 series products during ocean shipments.

VCI Vapor Diffusers ICT®800 Series

Self-contained, portable products that diffuse Zerust® ICT® chemicals to protect metals within enclosures, such as tool boxes, electrical boxes, etc.

*Consult your Zerust representative and federal, state and local regulations.

For more information about the products listed above, please visit www.zerust.com or contact us at +1 (763) 225-6600.



www.zerust.com

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