

Zerust® Case Study > > >

TECHNOLOGY THAT PROTECTS METAL FROM CORROSION

Zerust® Protects Marine Equipment

Corrosion damage is especially prevalent in marine applications, where a constant salt air environment, often combined with high temperatures and humidity levels, increases the threat of corrosion. A major naval organization had three specific areas where it was facing serious corrosion issues: aids to navigation, bail-out pump motors and small engines. Corrosion in these areas poses serious risks as it causes frequent 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 have included methods such as oiling, scraping and painting to remove or "cover up" corrosion. All of these methods are inefficient, ineffective and costly. They needed a solution that would help increase efficiency, save money and most importantly, help mission critical equipment stay operational and reliable. The solution was Zerust® corrosion inhibiting products from Northern Technologies International Corporation (NTIC).

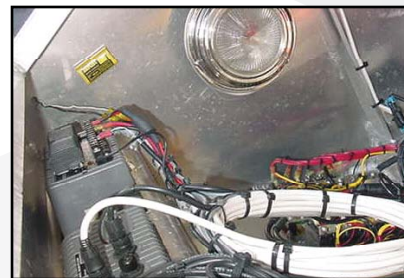
At the recommendation of NTIC, the organization decided to use Zerust® Vapor Capsules and Zerust® ICT™510-C Ferrous Bags and Sheeting to protect their aids to navigation, bail-out pump motors and small engines for a six month trial testing period. The tests were extremely successful! No new corrosion 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. The organization plans to expand their use of Zerust® products in the near future.

To order Zerust® ICT™510-C Ferrous Film or Zerust® Vapor Capsules, call +1 (763) 225-6600, fax +1 (763) 225-6645 or email sales@zerust.com.

Case Photos



The simple incorporation of Zerust® ICT™510-C Ferrous Bags into the storage process of Bail-out Pump Motors proved to stop corrosion from forming.



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

Zerust® improves reliability and readiness!

APPLICATION TYPE



EXPORT SHIPMENT



LONG-TERM STORAGE



INVENTORY STORAGE



WORK IN-PROGRESS

CORROSION PROTECTION FOR:



NORMAL ENVIRONMENT

AGGRESSIVE ENVIRONMENT

EXTREME ENVIRONMENT



OTHER PRODUCTS AVAILABLE

ICT™ 400 Series: Packaging Paper

Acid-free, pH neutral corrosion inhibiting paper and poly paper offer short-term corrosion protection for metal parts.

ICT™ 500 Series: Packaging Films

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 Zerust® paper and film products are recyclable.
Please consult your Zerust® Representative and Federal,
State and Local Regulations.

ICT™ 600 Series: Rust Removers

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

ICT™ 700 Series: Liquid Additives and Coatings

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

ICT™ 800 Series: Diffusers

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

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

Zerust® EXCOR®

A product of:

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