



APPLICATION FOCUS

Who

OEM parts and service supplier

What

Recovery of tarnished sensors and protection from future corrosion

Why

Restore sensors to fulfill warranty replacement part orders

How

Zerust® custom cleaned the sensors and protected them from future tarnish with **ICT®520-CB1 Anti-Tarnish Film**

Zerust Recovers Tarnished Sensors and Provides Protection From Further Corrosion with Anti-Tarnish Scavenger Film

An OEM service and parts organization needed to distribute 40,000 sensors crucial to the operation of equipment they sold over the last 10 years as part of their warranty coverage. These parts were in inventory storage for many years and were no longer produced. When samples of these sensors were inspected before shipment, the sensors were found to have black copper oxidation on exposed areas of the gold plated contact leads. All 40,000 sensors were deemed unusable for their purpose and no replacement was found.

The Solution

The OEM contacted Zerust for a solution to their corrosion issues. Zerust performed a custom cleaning service and was able to remove the copper oxide formation without damaging the gold plating or the encased component. The cleaned sensors were packed in Zerust ICT520-CB1 Anti-Tarnish Film to prevent further copper oxidation.



Sensors cleaned and ready to be shipped.



Black copper oxidation on contact leads.



Cleaned sensor leads.

Use For:



Zerust corrosion experts recover tarnished sensors and protect them from future corrosion—enabling the supplier to fulfill their warranty service requests.

Technology that protects metal from corrosion.

Zerust®



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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