



APPLICATION FOCUS

Who

Large automotive manufacturer

What

Corrosion management for CKD overseas shipments

Why

Increase process yields, reduce labor and costs

How

Switching to Zerust® **ICT®510-C VCI FILM** protects overseas shipments from corrosion and eliminates messy oils

Zerust VCI Film Eliminates Corrosion on Metal Auto Components in Overseas Shipping

A Russian automaker experienced corrosion on stamped metal surfaces during CKD (complete knock-down) shipments from Russia to Ecuador. They used various oils as their corrosion protection method, which proved to be ineffective as well as an environmentally hazardous means of protection. The auto manufacturer needed a different solution that would work efficiently and without the contamination and the clean-up that comes with using oil.

The Solution

Zerust's international team of corrosion experts recommended Zerust ICT510-C Ferrous Yellow and Multimetal Green Film for the protection of steel and galvanized steel during transportation and storage. After a successful trial shipment to Ecuador, Zerust films were officially approved for use. The manufacturer found that using Zerust corrosion inhibiting products paid-off. Corrosion stopped completely on stamped parts and anywhere else Zerust products were used. The company eliminated oil as a means of corrosion protection in many production areas, helping to improve CKD shipment process yields. Using Zerust also reduced costs by eliminating the internal logistics and manpower necessary to remove the oil and clean the parts before they can be used. By using Zerust products, they saved US\$858,000 per year!

Use For:



EXPORT SHIPMENT



LONG-TERM STORAGE



INVENTORY STORAGE



WORK IN-PROGRESS

The automaker saved \$858,000 per year on corrosion and labor costs by using Zerust Corrosion Inhibiting VCI Films.



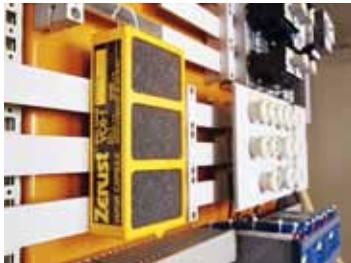
CKD kits are shipped from Russia to Ecuador corrosion free using Zerust ICT-510 VCI Bags



Steel automotive parts protected by Zerust ICT-510 VCI Film arrive free of corrosion

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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