

Zerust® Case Study > > >

TECHNOLOGY THAT PROTECTS METAL FROM CORROSION

ICT™520-CSL Film

A leading manufacturer of axles and other automotive parts wanted to find a faster, more efficient corrosion inhibiting packaging solution to protect their gears, axles and differential units during service and inter-plant shipment. Typically, these parts are wrapped with VCI paper and secured with tape. However, this process is very labor intensive, taking an average of 4 minutes to wrap and tape a single part.

Northern Technologies International Corporation (NTIC) provided a solution with Zerust® ICT™520-CSL Film. Zerust® ICT™520-CSL is a cold adhesive film that bonds to itself, creating a self-adhesive closure that takes seconds to complete. The cold adhesive allows the package to be closed through pressure alone and not through the introduction of heat, staples or tape.

The manufacturer tested Zerust® ICT™520-CSL Film on their large gears and differential units and was astonished at how fast and easy it was to use! The cold seal package took less than one minute to complete, compared with four minutes for the VCI paper and tape - a 75% savings in packaging time! Realizing how much they could save in labor costs, the manufacturer decided to completely replace their VCI paper and tape operation with the use of Zerust® ICT™520-CSL Film.

To order Zerust® ICT™520-CSL Film, call +1 (763) 225-6600, fax +1 (763) 225-6645 or email sales@zerust.com.

Case Photos



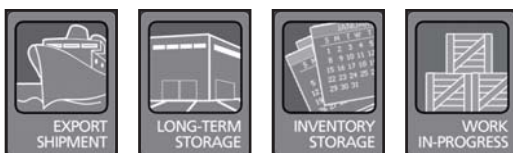
Zerust® ICT™520-CSL Film protecting a large gear for service shipment. This unit is typically wrapped with VCI paper and sealed with tape.



Zerust® ICT™520-CSL Film protecting a differential unit for service shipment. This unit is typically wrapped with VCI paper and sealed with tape.

75% savings in packaging time

APPLICATION TYPE



CORROSION PROTECTION FOR:





OTHER PRODUCTS AVAILABLE

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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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