

# SUCCESS STORY

CLEAN.  
SAFE.  
EASY.



ART BRDAK

## ARMOR SOLUTIONS = AUTOMOTIVE COST SAVINGS

“We had a problem. Our plant was spending more than \$125,000 per year in de-rusting costs on six particular parts alone. We needed help. ARMOR stepped in, conducted a thorough analysis of the situation and devised a solution that has saved us more than \$100,000 each year. It was the best thing we could have done and we could not be happier with the results. I am now able to use my time to focus on other pressing matters within this Ford plant.”

**Art Brdak** – *Manufacturing & Planning Specialist*   *Ford Motor Company/Van Dyke Transmission Plant*

### ARMOR EXPERTISE

With more than 35 years in the business, Armor Protective Packaging® offers a full line of corrosion inhibiting VCI products that are clean, safe, easy to use and extremely effective. ARMOR’s international headquarters, located in southeast Michigan, are geographically accessible and ready to meet the needs of the automotive industry. In addition, ARMOR has international partnerships all over the globe, including manufacturing sites and offices in the U.S., Canada, Mexico and Asia. ARMOR people and VCI solutions protect our customer’s products and their brands.



TAKING THE WORK OUT OF YOUR WORKDAY

# ARMOR SOLUTIONS

CLEAN.  
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EASY.

## PROBLEM

### EXCESSIVE CORROSION COMPLAINTS

In the span of two years, the Ford Van Dyke Transmission Plant received numerous customer complaints of corrosion on converter cover/clutch preforms sent by Ford's Van Dyke Plant. During this time, a competitor's VCI bag was used as a bin liner to ship parts from the Van Dyke Plant to its customers. The "cost" of these complaints and the de-rusting efforts to resolve them exceeded, on average, \$125,000 per year, not including transportation, re-work, administrative costs or cost incurred by their customers in handling and managing returns. Obviously, the method was not working.

## SOLUTION

### ASSESSMENT & EXTENSIVE TESTING DONE

ARMOR and their distributor, a national industrial packaging corporation, met with key plant personnel to gather information about the problem and identify the supply chain process. They assessed operations within the plant, provided a full written recap of observations, and conducted both a controlled accelerated corrosion humidity test and an actual field test shipment to determine root cause of corrosion.

## RESULT

### CORROSION COMPLAINTS ELIMINATED

Once the root problem was identified, ARMOR made recommendations on specific process changes within the Ford plant as well as the identification of ARMOR WRAP® and ARMOR POLY® VCI products that would solve the problem. Since the implementation of the ARMOR solution, corrosion complaints have virtually been eliminated. Net savings for the Ford Van Dyke Plant totaled well over \$100,000 per year.

## A YEARLY SAVINGS OF OVER \$100,000

*Ford Motor Company is a world leader in the production of automotive vehicles, products and services. The Ford Van Dyke Transmission Plant is a leading producer of transmission components.*



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