


VpCI® EMITTING SYSTEMS & ELECTRONIC PRODUCTS



CASE HISTORY SPOTLIGHT


Case History #1: Low Labor, Cost-Effective Corrosion Protection



VpCI® EMITTING SYSTEMS & ELECTRONIC PRODUCTS

CASE HISTORY

Fuel Injection Part Preservation



PROBLEM
Lucas needed to protect metal fuel injection parts from corrosion before plating. The parts would be stored for two weeks in a warehouse and shipping environment. Lucas Industries had previously been dipping their parts in mineral oil.

APPLICATION
Lucas used Cortec® VpCI®-101 for this application. The parts were stored in small boxes (approximately 100 parts to a box) with a VpCI®-101 attached to the top. The boxes with VpCI®-101 attached were re-used until the VpCI® protection is exhausted.

CONCLUSION
Cortec® VpCI®-101 offers:

- More effective protection
- Inexpensive
- Required less labor
- Required no clean up
- Reduced the overall cost of production

DATE
October 6, 1988

CORTEC® REPRESENTATIVE
William A. Kelly & Associates

CUSTOMER
Lucas Industries


LOCATION
Greenville, South Carolina

PRODUCT
VpCI®-101

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Environmentally Safe VpCI/MCI Technologies

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Cortec's very first case history is a classic example of how Cortec® VpCI® solutions provide easier, cost-effective alternatives to traditional rust preventative methods.

A manufacturer needed to protect metal fuel injection parts from corrosion for two weeks in a warehouse and shipping environment. The parts had previously been dipped in mineral oil, but the manufacturer decided to try VpCI®-101 devices instead.

To store the parts, a VpCI®-101 device was attached to the inside top of small boxes, and about 100 parts were placed inside each box. The VpCI®-101 devices were reused until the VpCI® protection was exhausted.

The solution offered effective protection and reduced the overall cost of production with less labor and no cleanup required.

Read the original case history here: https://www.cortecchistories.com/?s2member_file_download=access-s2member-level1/ch001.pdf

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