

ATION  
USA  
FILM  
IBITOR-PATENT  
INHIBITOR



**HIGH PERFORMANCE VpCI® PACKAGING**

# CASE HISTORY

## Gear Preservation Solution



### PROBLEM

A gear manufacturer invited Cortec® to review its manufacturing process in August 2016. The manufacturer has a long process time (which includes sending gears locally and to the East Coast for secondary and plating operations) and was experiencing corrosion in all aspects of the process. The gears were having corrosion issues in the shop from coming in and out of the climate-controlled QC department. The gears were also left exposed to the environment as they sat on carts originally covered by plain poly bags that were not easy to replace once operators pulled and replaced parts on the carts.

### APPLICATION

Cortec® recommended VpCI®-126 CorrCaps for ease of use and corrosion protection in the machine shop environment. Bio-Pads were recommended for increasing the VpCI® Chemistry in various process racks. VpCI® Film bags were recommended for use in sending parts to and from outsourced locations near and far.

### CONCLUSION

The customer is satisfied with Cortec's solution and how Cortec® evaluated their whole process, gave recommendations, and followed through with quality manufactured products. Cortec® will monitor this application for one year to determine any different levels of protection needed for seasonal changes.

### DATE

January 2017

### CUSTOMER

Midwest Gear Manufacturer

### CORTEC® REPRESENTATIVE

Bob Dessauer

### LOCATION

Downers Grove, IL

### PRODUCTS

VpCI®-126 CorrCaps

VpCI®-126 ZipLock Bags

BioPads®



**CORTEC**  
CORPORATION

Environmentally Safe VpCI®/MCI® Technologies

[www.cortecvci.com](http://www.cortecvci.com)

