



**SURFACE PREPARATION PRODUCTS**

# CASE HISTORY SPOTLIGHT

## Case History #645: Preserving Salt Gritter Trucks



A contractor providing road maintenance services in the U.K. had a serious problem with rust on their gritter lorries (salt spreader trucks) due to the nature of their activities and environment. The company contacted HITEK-nology Solutions (HSL) for assistance after hearing about their military equipment preservation work.

HSL did a trial layup on one of the lorries, first washing the vehicle with VpCI®-415 and then applying other materials. VpCI®-101 and VpCI®-105 Emitters were placed in electrical junction boxes, while ElectriCorr® VpCI®-239 was applied to exposed electrical connections. VpCI®-369 was used on the clutch release bearing area, ABS valve, and all hydraulic/mechanical connections. VpCI®-132 went inside the cab, and CorrLube™ VpCI® Lithium EP Grease was used to lubricate switch gear. VpCI®-389 D was applied externally to half of the vehicle, and carbon steel plates were added here and there to test the corrosion inhibiting effect. The panel on the untreated side rusted in a few months, while the other panels remained like new.

As a result of the trial, the company decided to use these products for summer layup of all their vehicles and did not remove the materials when the vehicles went back into service for the next season. There was a noticeable difference at the end of winter, and they decided to extend VpCI® protection to the manufacturing process by having VpCI®-368 applied to the chassis.

To read the full case history, please visit:

[https://www.cor-teccasehistories.com/?s2member\\_file\\_download=access-s2member-level1/ch645.pdf](https://www.cor-teccasehistories.com/?s2member_file_download=access-s2member-level1/ch645.pdf)

4119 White Bear Parkway, St. Paul MN 55110 USA  
Phone (651)429-1100, Toll free (800) 4-CORTEC  
Fax (651) 429-1122, Email: info@cor-tecvc.com  
www.cor-tecvc.com



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