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HIGH PERFORMANCE VpCI® PACKAGING

CASE HISTORY SPOTLIGHT

Case History #506 Grease Resistant VpCI® Paper Solves Vehicle Frame Shipping Problem

HIGH PERFORMANCE VpCI® PACKAGING



CASE HISTORY

SUV Frame Preservation

DATE
March 2016

CUSTOMER
German Leading Automotive Manufacturer

CORTEC® REPRESENTATIVE
Curt Hill

LOCATION
Vance, AL

PRODUCTS
VpCI®-148 Paper

PROBLEM
The customer's SUV frames were wrapped in VCI film and were arriving with dark tarnish spots and corrosion where the process oil used on the frames was breaking down the VCI polyethylene film. This caused their frames to be rejected. The shipping process would not allow the removal of the processing oil, so the customer required a solution to protect the frames without them arriving with tarnish and corrosion.

APPLICATION
The customer wrapped the SUV frames with CorShield®-148 Paper that are being shipped worldwide to their assembly plants.

CONCLUSION
Cortec's VpCI®-148 oil resistant paper eliminated the tarnish spots and corrosion by providing an innovative corrosion protection solution without interfering with the process oil required by the customer.




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Several years ago, a German automotive manufacturer faced the problem of SUV frames arriving at the assembly plant with tarnish spots and corrosion. This occurred at points where the process oil on the frames had broken down the VCI polyethylene film used to wrap them. The frames were therefore rejected. The shipping process did not allow for removal of process oils before shipment, so the customer needed a solution that would protect the frames without having to remove the process oil.

To solve the problem, Cortec® shipped rolls of CorShield® VpCI®-148 grease resistant corrosion inhibiting paper to the customer's plant. In contrast to other suppliers, Cortec® was able to produce rolls approximately 2.5 meters wide (98")—an important feature due to the large size of the SUV frames being protected. Using VpCI®-148 grease resistant paper enabled the customer to eliminate tarnish and corrosion problems without affecting process oil requirements on frames that needed to be shipped to assembly plants worldwide.

To read the full Case History #506, please visit:
https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch506.pdf

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