



VpCI® METALWORKING PRODUCTS

CASE HISTORY SPOTLIGHT

Case History #363: Successful Replacement of Oil-Based RP




CASE HISTORY
BioCorr® Provides Protection While Eliminating Safety Hazards.

DATE
April 2009

CORTEC REPRESENTATIVE
Jessica Scott

CUSTOMER
OEM Parts Manufacturer

LOCATION
Frankfort, Indiana

PRODUCTS
BioCorr®

PROBLEM
Customer required a replacement rust preventative liquid that reduced the safety hazards associated with the previously used product. A minimum two year protection time was required by their customers for any rust preventative. The product previously used was oil-based, which gave the two year protection required, but created many additional problems:

- A high Volatile Organic Compound (VOC) content.
- A slip hazard on the production floor, due to excess oil dripping onto floor.
- The oil-based product was being applied to the production parts using a sprayer. The spray method created an oily mist that clung to everything in the machines and was difficult to clean.

APPLICATION
Testing of Cortec's BioCorr® began on their production lines and it performed better than the oil-based product previously used. After their customer approved the BioCorr®, it was used for Hot Heat Treatment processes and eventually replaced the oil-based product for each production line.

CONCLUSION
Cortec's BioCorr® not only provided the minimum two year protection required, it also reduced product costs by thirty percent, and eliminated the safety problems the customer had with the oil-based products.

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An OEM parts manufacturer needed a replacement liquid rust preventative (RP) that would provide two years of protection and reduce safety hazards posed by the previously used oil-based product. Problems with the oil-based RP included a high VOC, a slip hazard from excess oil dripping on the production floor, and an oily mist that made machine cleanup difficult.

BioCorr® underwent testing on manufacturer production lines and performed better than the previous product. It was approved and eventually used in each production line. This reduced product costs and eliminated the problems of the previous product.

Read more about this story here: https://www.cor-teccasehistories.com/?s2member_file_download=access-s2member-level1/ch363.pdf

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