



MICRO-CORROSION INHIBITING COATINGS POWERED BY NANO VPCI®

Case History Spotlight #776: Preventing Rust on Construction Equipment



Adobe Stock image for illustration only.

A manufacturer of front-end loaders and skid steers needed corrosion protection on unpainted metal components during outdoor storage for up to six months or a year. The customer had been using a sticky oil-based product that looked terrible because it collected dirt and bugs. It was also at risk of washing off in harsh storms.

In the search for a removable rust preventative product that looked better, had low VOCs, and only needed to be applied once, the manufacturer (who had a longstanding relationship with Cortec®) tested [VpCI®-391](#) to ensure compatibility with fiberglass and painted areas of the equipment. This confirmed, they started using VpCI®-391 on unpainted metal parts and other sensitive areas, including wheel rims, bolt heads, and hydraulic boxes. The product offered effective protection. Complaints about appearance stopped, and equipment distributors often leave VpCI®-391 on permanently. Thanks to VpCI®-391, the company has successfully replaced an oil-based product with one that is water-based, has low VOCs, and looks good.

To read the full case history, please visit:

https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch776.pdf

Keywords: Cortec, Case History Spotlight, preventing rust, preventing rust on equipment, corrosion protection, rust preventatives, low VOC rust preventative, low VOC coating, removable coating, water based rust preventatives

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



CORTEC
CORPORATION

Environmentally Safe VpCI®/MCI® Technologies