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HIGH PERFORMANCE VpCI® PACKAGING

Case History Spotlight #626: Automotive Tool and Die Preservation



An expensive new two-cavity auto interior P20 plastic-injection mold weighing 40,000 pounds (18,144 kg) needed corrosion protection for five to six weeks of shipment overseas to a client in Europe. The mold and die manufacturer chose to coat the mold cavity, core, and steel surfaces with [EcoAir® Tool & Die Rust Preventative](#), a partially vegetable-oil based rust preventative that displaces water, provides a degree of cleaning action, and is easy to spray over large surface areas. A [VpCI®-309 Pouch](#) was placed inside the cavity for additional corrosion protection, and the entire mold was wrapped in [MilCorr® VpCI® Shrink Film](#). The shipment was highly successful with no corrosion issues. The customer was happy with the ease of removing MilCorr® and not having to clean off the rust preventative. They requested the same method for future shipments. Furthermore, the costs of protection were significantly less than traditional greases and oils.

Log in to read the full case history at: <https://www.cortec-casehistories.com/>

Keywords: Case History Spotlight, automotive industry, tool and die preservation, automotive tool and die, rust preventative, vegetable oil rust preventative, MilCorr, shipping solutions, packaging for injection molds, corrosion protection

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