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HIGH PERFORMANCE VpCI® PACKAGING

CASE HISTORY SPOTLIGHT

Case History #422: Economical Storage Option for Valuable Decelerator

An air force accident investigation team in Europe received a donated crash test decelerator that they were not able to start using right away. Instead, they had to store this high value asset for up to two years in an aircraft hangar open to corrosive environmental elements.

To prepare the decelerator for a potentially long storage period in the hangar, the team adopted a VpCI® protection plan. The roller wheels, bearings, chains, and hydraulics of the decelerator were treated with VpCI®-329. ElectriCorr® VpCI®-238 was sprayed on all electrical connections and components. Finally, everything was wrapped in VpCI®-126 Blue Film, with VpCI®-132 Foam inserted as needed throughout the packages.

The solution provided a means of low-cost storage to protect the valuable equipment from corrosion while it was waiting to be used.

To read the full case history, please visit: https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch442.pdf

CASE HISTORY

Decelerator Preservation

LOCATION
RAF Base (United Kingdom)

PRODUCTS
VpCI®-126 Blue Film
VpCI®-132 Foam Pads
ElectriCorr® VpCI®-238
VpCI®-329

PROBLEM
The RAF Accident Investigation Team, based at RAF Henlow had a Crash Test Decelerator donated to them. Unfortunately, the RAF was unable to immediately operate the Decelerator. They needed to store this highly valued asset for up to two years in an aircraft hangar open to corrosive environmental elements, making the Decelerator susceptible to corrosion.

APPLICATION
All the roller wheels, bearings, chains, hydraulics, and oils were treated with VpCI®-329. All electrical connections and components were sprayed with ElectriCorr® VpCI®-238. All equipment was then wrapped in VpCI®-126 Blue Film with relevant amount of VpCI®-132 foam pads inserted throughout equipment.

CONCLUSION
This Cortec® solution provided low cost storage of the customer's highly valued asset for the required two year time period.

DATE
December 2007

DISTRIBUTOR
Lake Chemicals

CONTRACTOR
Hitek-nology Solutions

CUSTOMER
RAF, Accident Investigation Team

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