


CORROSION INHIBITING VpCI® POWDERS




CASE HISTORY SPOTLIGHT

Case History #283: Long-Term Storage of Turbine Engines



CORROSION INHIBITING VpCI® POWDERS



ISO 14001
ENVIRONMENTAL
SYSTEM REGISTERED

ISO 9001
QUALITY SYSTEM REGISTERED

ISO/IEC-17025
LABORATORY TESTING CERTIFIED

CASE HISTORY

Solar Turbine Engine Preservation

DATE
May 2007

DISTRIBUTOR
Integrated Packaging Systems

CUSTOMER
Solar Turbines

LOCATION
San Diego, California

PRODUCTS
VpCI®-609

PROBLEM
The customer was using a volatile, toxic, and hazardous corrosion control product for protection of their multi-million dollar turbine engines. They required a long term preservation system that was more cost effective, easier to apply, and environmentally safe.

APPLICATION
VpCI®-609 Powder was applied to the containers housing the turbines at a rate of 0.3 - 0.5 ounce (8.5 - 14 grams) per cubic foot (28 liters) of enclosed space (300 - 500 g/m³).


CONCLUSION
This treatment has provided the requirements the customer needed for the corrosion free storage of these high value assets.

Photo Courtesy of Shutterstock

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ch283 7/2013

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Environmentally Safe VpCI®/MCI® Technologies

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In May 2007, a manufacturer of gas turbines used in the oil and gas industry and other sectors needed a better way to protect their multi-million-dollar turbine engines. At the time, the customer was using a corrosion control product that was volatile and toxic. They wanted an alternative that was safer for the environment, easier to apply, and more cost effective. Cortec® was able to meet the customer's requirements with VpCI®-609 Powder, which was added to the containers where the high-value assets were housed for long-term preservation.

Read the full case history here: https://www.corteccasehistories.com/?s2member_file_download=access-s2member-level1/ch283.pdf

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