CASE HISTORY

Motor Generator Equipment Preservation

DATE
2015

DISTRIBUTOR
The Kanoo Group

CUSTOMER
Zadco (ADNOC GROUP)

LOCATION
Abu Dhabi, UAE

PRODUCTS
VpCI®-422
VpCI®-414
VpCI®-369 D
MilCorr® VpCI® Shrink Film

PRESENTED BY:

CORTEC MIDDLE EAST
Environmentally Safe VpCI®/MCI® Technologies
www.cortec-me.com

PROBLEM

Zadco is one of the largest offshore oil producing companies of ADNOC group. The Delta project was executed by Zadco a year ago when large compressors were installed offshore. Some of the spare compressors that were left standing idle experienced severe corrosion during this period. Zadco realized the need to apply an environmentally friendly solution to clean, preserve, and protect these assets.

The conventional method of sand blasting was not considered an environmentally friendly solution. The customer needed and requested a solution that had minimal disruption to reducing surface finish or tolerance.

APPLICATION

Loose rust was first removed by hand. The assets were then cleaned with Cortec's organic, biodegradable rust remover: VpCI®-422. The assets were hydro-jetted with 5% VpCI®-414 alkali solution to neutralize the surface, producing a clean rust-free finish. VpCI®-369 D was applied to all parts which were subsequently wrapped with MilCorr® VpCI® Shrink Film to protect from the harsh climatic conditions in the Middle East. All spare parts incorporated for the compressors were preserved for future use.

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Before Photos

CONCLUSION

Cortec® products were chosen as they are environmentally friendly, nitrite free, and provided long term corrosion protection once the assets were cleaned and all rust was removed. Local manufacturer employees and a skilled on-site distributor reinforced Zadco's choice to work with Cortec® on critical preservation projects like this. The partnership between Cortec® and The Kanoo Group was once again demonstrated to one of the premier producers in the Gulf.

After Photo