



VpCI® METALWORKING PRODUCTS



CASE HISTORY

Ship Shafts and Bearings Preservation

PRODUCTS

- VpCI®-414
- VpCI®-422
- VpCI®-369
- VpCI®-368
- VpCI®-137
- DesiCorr® VpCI® Pouches
- MilCorr® VpCI® Shrink Film

PROBLEM

Nakilat is Qatar's state shipping company that owns, manages, and operates Liquefied Natural Gas vessels. The client required corrosion removal, cleaning, and preservation of some of its dummy and intermediate shafts, related bearings, nuts, bolts, and couplings. The storage environment was humid with frequent high temperatures.

APPLICATION

VpCI®-422 was used to remove rust and condition/clean the surfaces of the intermediate shaft bearing and dummy shafts. VpCI®-414 Cleaner/Degreaser was used in a 5% solution to ensure surfaces were free of dirt, dust, and oils. VpCI®-369 and VpCI®-368 were applied to all bearing components such as bolts and couplings for rust prevention. DesiCorr® VpCI® Pouches were placed in the internal cavities of all shaft assemblies to absorb humidity and inhibit corrosion. VpCI®-137 foam pads were used for all corners and edges prior to cutting MilCorr® VpCI® Shrink Film to size and wrapping the equipment. A heat gun was used to complete the packaging process.

CONCLUSION

The customer was very pleased with the cleaning and thorough packaging services provided. After three months the components were re-opened for inspection and evaluation, with no visible dirt or corrosion on the metal parts.



DATE
2016

CUSTOMER
Nakilat

DISTRIBUTOR
Biewu International

LOCATION
Qatar

PRESENTED BY:

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

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

ch563 10/2017 Page 1 of 1

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