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HIGH PERFORMANCE VpCI® PACKAGING



CASE HISTORY

Drill Ship Preservation

DATE
January 2016

DISTRIBUTOR
Lake Chemicals

CONTRACTOR
HITEK-nology Solutions

CUSTOMER
V Ships Offshore

LOCATION
Teeside, UK

PRODUCTS
VpCI®-126 HP UV Shrink Film
VpCI®-101, 105, & 111 Emitters
VpCI®-170 Tape
VpCI®-322
VpCI®-337
VpCI®-368 D
VpCI®-369 D
VpCI®-609 S
VpCI®-645
VpCI®-649
CorrVerter®
M 529
CorrLube™ EP Lithium Grease

PROBLEM

Customer required their drill ship to be laid up hot, meaning the engines and some equipment would be operational, but the main drilling rig would be preserved and not in use.

APPLICATION

- The risers were treated with VpCI®-337 and the ends sealed with VpCI®-126 HP UV Shrink Film.
- The bulk storage tanks, associated pipe work, and cement mixing tanks were treated with VpCI®-609 S.
- All electric JBs, motors, and monitors both internal and external were treated with VpCI®-101, 105, and 111 Emitters or VpCI®-170 tape.
- All lube oil and hydraulic systems that were to remain in use or with oil in them were treated with M 529, and all empty tanks and systems were treated with VpCI®-322.
- All exposed pistons and operating systems that required lubricating as well as protection from corrosion were treated with VpCI®-369 D.
- All rails and cranes with exposed metal were treated with VpCI®-368 D.
- Any exposed corroded metal where loose metal and rust was visible was cleaned up and treated with VpCI®-368 D.
- All exposed rusted metal that could not be properly cleaned had the loose rust brushed off and treated with CorrVerter®.
- CorrLube™ EP Lithium Grease was used on any area requiring grease.

CONCLUSION

Cortec® products provided a corrosion protection solution to this customer that has resulted in the low cost storage of this high value asset, allowing for quick redeployment when required.

