

CASE HISTORY

VCI-101, VCI-110, VCI-150, VCI-323, VCI-368, VCI-416, VCI-423 & VCI-609



CUSTOMER

Smedvig Offshore ASA &
Offshore & Marine ASA

CORTEC REP

Presserv AS

LOCATION

Norway

CORTEC PRODUCTS

VCI-101, VCI-110, VCI-150,
VCI-323, VCI-368, VCI-416,
VCI-423 & VCI-609

BACKGROUND

West Navion is one of the largest deepwater drillships in the world. The shiphulls were built in Korea in 1997-1998. The topside was put on in Norway in 1998-1999.

PROBLEM

The customer wanted to protect all systems used during transport from Korea to Norway. This consists of main engines ballast tanks and helping systems. These systems will stay unused for up to two years during completion of the project. Furthermore, they want a company to help them to manage and execute all preservation activities on the ship.

SOLUTION AND APPLICATION

1. Cortec Emitters VCI-101, VCI-110 and VCI-150 were installed in all electrical enclosures located in corrosive environment on the ship.
2. Cortec VCI-323 was used as an oil additive in gearboxes, pump transmissions and hydraulic systems.
3. Cortec VCI-368 was sprayed on painted and machined surfaces as additional protection.
4. Cortec VCI-423 was sprayed on corroded surfaces and washed off with Cortec VCI-416 and water.
5. Cortec VCI-609 was fogged in vessels and pipe systems at a typical dosage 0.5 kg per cubic meter. VCI-609 was also added at a dosage of 2-3% to water used for hydrotesting of carbon steel pipe systems.

REASON CORTEC SELECTED

- Preservation contractor, Presserv, described preservation methods and which products to use on the project.
- Cortec was the only company able to provide environmentally sound products with a broad spectrum of applications.
- One stop 'Total Corrosion Protection' solution concept made it simple for customer to deal with only one vendor.
- Cortec's past success with similar applications and projects.