CASE HISTORY

VCI-101, VCI-110, VCI-150, VCI-323, VCI-368, VCI-369, VCI-416, VCI-423 & VCI-609

CUSTOMER
Statoil

CORTEC REP
Presserv AS

LOCATION
Norway

CORTEC PRODUCTS
VCI-101, VCI-110, VCI-150, VCI-323, VCI-368, VCI-369, VCI-416, VCI-423 & VCI-609

BACKGROUND

Kårstø is a gas treatment plant operated by Statoil. It handles rich gas being sent through pipelines from offshore installations. After treatment, lean gas is piped on to continental Europe while natural gas liquids (NGLs) are shipped out in carriers. Kårstø also receives condensate (light oil) for stabilization and storage before export by ship. The facility ranks as Europe's largest processor and exporter of NGLs and condensate.

PROBLEM

Statoil was expanding the Kårstø plant. During the expansion, Presserv was given the total responsibility for preservation. This included engineering the preservation program, supplying the products, as well as applying and maintaining the program.

SOLUTION AND APPLICATION

1. Cortec Emitters VCI-101, VCI-110 and VCI-150 were installed in electrical enclosures located in corrosive environment.
2. Cortec VCI-323 was used as an oil additive in gearboxes and in pump transmissions.
3. Cortec VCI-368 and VCI-369 was sprayed on painted and machined surfaces as additional protection.
4. Cortec VCI-423 was sprayed on corroded stainless steel surfaces and washed off by 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.

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165/1 ch165.qxd Issued 8/15/00

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