

Client: <i>Sea Tank Chartering AS.</i>	Industry: <i>Marine</i>
Vessel: <i>MT Key Bora</i>	Date: <i>April 2016</i>
Location: <i>Poland</i>	Products: <i>Chem-tect™ RB 300 Series</i>

Overview

The original coating located in the chemical cargo tanks onboard the MT Key Bora chemical tanker had failed. The tanks were therefore suffering from severe corrosion damage and had to be refurbished.

Challenge

The existing failed coating had to be completely removed. Traditional phenolic epoxies would not have the necessary chemical and high temperature resistance **required to handle this vessel's cargo. Therefore the new coating system had to have protection from the full pH range.**

Solution

The cargo tanks were grit blasted to Sa 2½ standard. This was followed by one stripe coat and two full coats of **Chem-tect™ RB 300**. To complete the coating system, one topcoat of **Chem-tect™ RB 300TC** was applied.

Outcome

The **Chemco** system will ensure that these tanks will be protected against the full pH range. The fast curing of this system also allows for faster application and quick return to service. All the chemical cargo tanks were completed to class standard and certified accordingly.

Benefits

- Exceptional chemical and high temperature resistance
- Significantly reduced downtime
- Full pH protection (1 - 14)
- Fast curing; allows quicker over-coating and quick back-in-service times

Continued overleaf

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Photographs:

- Nos. 1 and 2 Original conditions
- No. 3 After grit blasting

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Photographs:

- Nos. 4 and 5 After application of RB 300
- Nos. 6 - 9 Completed application

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 • Rust-tolerant • Zero VOC

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