

Client: <i>V. Ships</i>	Industry: <i>Marine</i>
Vessel: <i>Crude Oil Tanker</i>	Date: <i>July 2015</i>
Location: <i>Singapore</i>	Product: <i>Epo-chem™ RL 500PF</i>

Overview

The deck steam pipes onboard the Crude Oil Tanker were suffering from severe corrosion and required to be renewed.

Challenge

Conventional coating systems applied to steam pipes in the majority of applications blister, crack or become heavily corroded. The client was therefore looking for a system which could operate at high temperatures and provide long-term maintenance-free protection. They were also looking for a system which could be applied on hot surfaces without operational shutdown for future maintenance work. Grit blasting was not permissible; therefore water jetting and a **wet tolerant** coating had to be utilised.

Solution

Water jetting was the only the surface preparation method which could be utilised. This was followed by two coats of **wet & rust tolerant Epo-chem™ RL 500PF**.

Outcome

The project was completed on time, with no major delays. Utilising **Chemco's** innovative system, the client achieved substantial time and cost savings and a system offering long-term, in-service protection.

Benefits

- No grit blasting
- **Wet & rust tolerant**
- Can be applied and operate @ 150°C
- No operational shutdown required
- Long-term maintenance-free protection

Continued overleaf

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Photographs

- Nos. 1-2 Completed application

*Photographs courtesy of V. Ships UK

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Photographs

- Nos. 3-6 Completed application

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