Case Study

Client:	*Crude Oil Tankers*	**Industry:**	*Marine*
Scope:	*Ballast Tank Refurbishments*	**Date:**	*December 2015 - March 2016*
Location:	*At Sea*	**Products:**	*Epo-chem™ RS 500P & RA 500M*

Overview

Two crude oil tankers required to have their ballast tanks refurbished. The vessel owner's were looking for a solution which could be utilised whilst the vessel was at sea by a riding squad; thus saving substantial time and cost by eliminating the requirement of dry-docking.

Challenge

There could be no disruption to vessel operations; therefore grit blasting and the use of solvent-based paints were prohibited. The **only** solution available would be to utilise water jetting and **Chemco's wet & rust tolerant** coating system.

Solution

Water jetting was utilised as the surface preparation method. One stripe coat and primer coat of **solvent-free, wet & rust tolerant** epoxy **Epo-chem™ RS 500P** was then applied. This was followed by one topcoat of **solvent-free, wet tolerant**, glassflake epoxy **Epo-chem™ RA 500M**.

Outcome

This project could only be completed by utilising the innovative combination of water jetting and **Chemco's solvent-free, wet & rust tolerant** coating range. Substantial time and cost savings were achieved by utilising this solution, uniquely offered by **Chemco**.

Benefits

- **Solvent-free**
- No dry-docking requirements
- No grit blasting requirements
- No dehumidification or ventilation requirements
- Significantly reduced H&S and Fire Hazard
- No disruption to normal operating service of the vessel

Continued overleaf

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Photographs:

- Nos. 1-2 Surface Preparation by Water Jetting

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Photographs:

- No. 3 After Surface Preparation
- Nos. 4-5 After Primer Coat
- Nos. 6-7 Completed Application

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