

Client: <i>Petrochemical Plant</i>	Industry: <i>Petrochemical</i>
Scope: <i>Cooling Water Pump</i>	Date: <i>December 2005-2015</i>
Location: <i>Belgium</i>	Product: <i>Epo-chem™ RP 500</i>

Overview

The client wanted their cooling water pump to be re-coated to ensure a long, trouble-free service life. The cost and lead-times of acquiring new pumps are very expensive and lengthy.

Challenge

To complete the refurbishment within budget and within the given time frame.

Solution

Abrasive blasting to Sa 2.5 standards was used as the surface preparation method. This was followed by three coats of **Epo-chem™ RP 500**.

Outcome

The project was completed on time and within the client's budget. They were very happy with the work carried out by the contractors and the smooth finish of the Chemco ceramic system.

Benefits

- Solvent-free
- Highly abrasive ceramic coating
- Extremely smooth finish
- No delays
- Reduced H&S and Fire Precaution
- Long lasting corrosion protection

Check-up (after 10 years)

The cooling water pump's condition was checked after 10 years in service. Except for some mechanical damage, the coating was still in perfect condition.

Continued overleaf

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Photographs

- Nos. 1-2 Completed application

***Project details and pictures courtesy of Chemco's approved contractor Alcotec (Belgium)**

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Photographs

- Nos. 3-4 Completed application
- Nos. 5-6 After 10 years in service

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