



MarineLINE®

MarineLine® Coating Can Provide a Long Service Life

In a number of Technical Reports, Advanced Polymer Coatings has discussed the importance of taking care of your MarineLine® cargo tank coating. We have witnessed what can go wrong with a coating without proper maintenance, poor tank cleaning, and/or mechanical damage to the coating from dropping or dragging heavy objects, etc.



Making The Most of Your MarineLine® Coating

We are going to look at some MarineLine® cargo tanks that have been very well maintained through the years, and documented and photographed after coatings inspections. After all, a cargo tank coating is one of the most important assets on a chemical/product tanker, carrying cargoes that pay for the ship and generate income and profit. If a tank, or tanks, are out of service for a long period, or if they are not able to carry cargoes without contamination, then the shipowner loses money each day that the tank is out of service.

APC's unique polymer-based MarineLine® tank coating system, used on more than 700 tankers worldwide, has been providing many years of profitable tanker operations for ship owners and operators. MarineLine® has an ultra-smooth, glossy, low energy surface that reduces venting time, uses less cleaning chemicals and less fuel/energy for cleaning equipment, which leads to faster turnaround.



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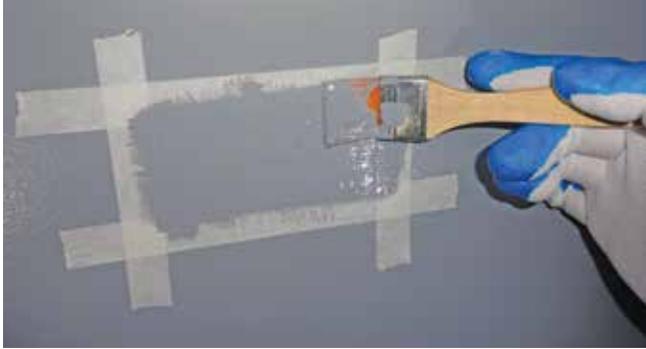
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TECHNICAL REPORT

Taking Care of Your MarineLine® Coating Helps Longevity

The following UNRETOUCHED photographs of tankers at various tank coating inspection intervals provide insight into the robust performance of MarineLine®. For some tanks, minor coating repairs have been made using

the MarineMend Repair system, as shown here, which is a simple method for repairing small MarineLine® areas as needed.



(Left) Making a simple MarineMend repair of the MarineLine® cargo tank coating. (Right) Finished repair now ready for chemical service again.

MarineLine® Tank Coating Inspection Highlights From Various Tankers

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After 3 Years in Service



4

After 4 Years in Service



5 After 5 Years in Service



6 After 6 Years in Service



7 After 7 Years in Service



17 After 17 Years in Service

One shipowner, who installed MarineLine® on a chemical tanker back in 1999, contacted APC in 2014 to discuss a MarineLine® re-coating of those cargo tanks. He stated: "I am very pleased with MarineLine®'s 17 years of performance and I now want the latest iteration of MarineLine® for a re-coating." This ship was done in the summer of 2015 in Turkey and has again been in service since then.