

Ecospeed application on scrubber outlet area of three newbuild vessels in China

Over the last week our Ecospeed coating system was applied on the inside of the scrubber of a container ship and the scrubber pipe and outlet of an oil tanker. This demonstrates that Ecospeed is not only the best option for the underwater hull of a ship but can also be used for a wide range of other purposes. The result is a lasting, non-toxic protection against corrosion, cavitation and mechanical damage.

At the start of 2016 the inside of the scrubber was

coated with Ecospeed for the first time and this on a roro ship in Landskrona, Sweden. The scrubber was located in one of the ballast tanks of the vessel. A lasting, chemical resistant coating was needed that could withstand the process of filtering out the hazardous pollutants of the exhaust gasses.

Since then Ecospeed has been applied on scrubber systems regularly. Just last month the inside of the scrubber of a container vessel and the scrubber pipe and outlet of an oil tanker were protected with

our coating system. Similar applications have been planned for both customers in the near future.

Because of the tight regulations on emissions in the shipping industry, the installation of an exhaust scrubber system has become increasingly widespread. This unfortunately has also led to an increase of corrosion damage on scrubber pipes and outlets which results in water ingress in the engine room, ballast tanks and cargo holds.



The area around the scrubber outlets after surface preparation.



Application of first of only two layers of Ecospeed.



Inspection of the scrubber outlet area after application of first layer.



The second layer can be applied as soon as 3 hours after the first.



Ecospeed will protect the area around the outlets for the ship's entire lifetime.



The outlets of both scrubbers of these container vessels were given the same lasting protection.

Ecospeed however is highly chemically resistant. Using the coating to protect the exterior outlets as well as the interiors of scrubbers will prevent corrosion damage and the resulting consequences.

There are also several other benefits that make Ecospeed the perfect choice.

- The coating system is highly chemically resistant. Taking into account the nature of the process

taking place inside the scrubber, this is essential for our customers.

- Ecospeed lasts the lifetime of a vessel. No repaints will need to be scheduled during future dockings of the ship. This saves on time and money.
- We have been given a B1 classification by DNV GL after testing the coating's suitability as a ballast tank coating. B1 is the superior grade in a six grade classification system.

- It is a true biocide-free solution. Independent research has proven that the coating is 100% toxin-free and that there is no negative effect on the water quality or the marine environment at any point of its application or use.

Ecospeed fits in seamlessly with the environmental idea behind scrubber systems. It is a lasting, chemically resistant coating that will withstand the hazardous pollutants and protect the scrubbers for the lifetime of the vessel.

Conclusion

Whenever lasting protection is needed for a ship, Ecospeed offers the best solution. Whether it entails the underwater hull of a vessel or any other part of the ship, applying this coating system will make sure you will not have to worry about repainting. This will save you time, money and a lot of irritation. ■

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