

Press release

19 June 2024

Hempel's high performance marine coating solution, Hempaguard, receives DNV validation

Hempaguard X7's decarbonisation efforts in the maritime industry are now third-party verified, and its impressive impact on fuel savings and speed loss have been validated.

Key messages

- Hempaguard's performance and decarbonisation efforts receive third-party validation and verification by DNV.
- The verification objectively confirms Hempaguard's outstanding performance during the period from 1 January 2013 to 31 December 2023 when it comes to the reduction of CO₂e emissions from the maritime industry.
- In addition, fuel savings potential of up to 20 per cent and average speed loss of 1.4 per cent have been validated by the third party.
- Hempaguard helps customers reach the new, stricter International Maritime Organization (IMO) targets by reducing fuel consumption and, in turn, carbon footprint.
- Hempel recently passed the milestone of 4000 Hempaguard applications

Copenhagen, 19 June 2024: The performance of Hempel's cutting-edge silicone-based hull coating solution, Hempaguard X7, and its ability to accelerate decarbonisation efforts in the maritime industry are now third-party validated by DNV.

Since its launch in 2013, Hempaguard has provided vessels around the world with significant energy efficiency compared to the industry average and contributed to substantial reductions in carbon emissions. With this external validation by DNV, Hempel is now better able to demonstrate the value of Hempaguard to its customers.

"At Hempel, we've long known that Hempaguard stands out in the industry for its superior performance and environmental benefits, helping our customers save costs and improve their bottom line. But DNV's third-party validation and verification is an important milestone for us to reach, and it only reinforces the credibility of Hempaguard's unmatched performance in the market," says Alexander Enström, Executive Vice President and Head of Marine at Hempel A/S.

The introduction of even more ambitious decarbonisation targets, set by the International Maritime Organization (IMO) in 2023, helps fuel the demand for Hempaguard, as many stakeholders in the industry search for the best solutions to help reduce their fuel consumption and carbon footprint, here and now. DNV's verification objectively confirms Hempaguard's outstanding performance when it comes to the reduction of CO₂e emissions from the maritime industry. In addition, fuel savings of up to 20 per cent and average speed loss of 1.4 per cent have been validated by the third party.

"Our customers' demand for Hempaguard clearly confirms the impact of this premium anti-fouling solution, and we recently passed yet another significant milestone: over 4000 applications worldwide with Hempaguard, equivalent to taking approximately 5,125,978 cars off the roads in saved CO₂e emissions," Alexander Enström concludes.

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About Hempel

As a world-leading supplier of trusted coating solutions, Hempel is a global company with strong values, working with customers in the decorative, marine, infrastructure and energy industries. Hempel factories, R&D centres and stock points are established in every region.

Across the globe, Hempel's paints and coatings can be found in almost every country of the world. They protect and beautify buildings, infrastructure and other assets, and play an essential role in our customers' businesses. They help minimise maintenance costs, improve aesthetics and increase energy efficiency.

At Hempel, our purpose is to shape a brighter future with sustainable coating solutions. We firmly believe that we will succeed as a business only if we place sustainability at our heart. Not only is it the right thing to do, it will strengthen our competitive position, make ourselves more resilient and reduce our risk.

Hempel was founded in Copenhagen, Denmark in 1915. It is proudly owned by the Hempel Foundation, which ensures a solid economic base for the Hempel Group and supports cultural, social, humanitarian and scientific purposes around the world. www.hempel.com

About DNV

DNV is an independent assurance and risk management provider, operating in more than 100 countries. Through its broad experience and deep expertise DNV advances safety and sustainable performance, sets industry standards, and inspires and invents solutions.

Whether assessing a new ship design, qualifying technology for a floating wind farm, analyzing sensor data from a gas pipeline or certifying a food company's supply chain, DNV enables its customers and their stakeholders to manage technological and regulatory complexity with confidence.

Driven by its purpose, to safeguard life, property, and the environment, DNV helps its customers seize opportunities and tackle the risks arising from global transformations. DNV is a trusted voice for many of the world's most successful and forward-thinking companies.

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