



May 2019

Alfa Laval and customers – together for vessel performance at Nor-Shipping

Alfa Laval will make a strong showing at this year's Nor-Shipping, Northern Europe's leading international forum for maritime industry. While diverse equipment, knowledge and services will be on display, the stand will have a single focus: partnership with customers to secure lifetime vessel performance.

Having entered its second century of marine service, Alfa Laval offers ship owners, ship operators and shipyards a unique breadth of equipment solutions and insights. With innovation built on deep understanding, the company is helping customers achieve reliability, compliance and efficiency – throughout the vessel and over its lifetime. At Nor-Shipping 2019, 4–7 June in Oslo, that cooperation will be front-and-centre in Hall E, Stand 02-25.

Solutions in the spotlight

With seventeen marine product groups to draw from, Alfa Laval will have numerous solutions for vessel performance at its Nor-Shipping stand. Visitors will find the latest developments in flagship environmental systems like Alfa Laval PureBallast 3 and Alfa Laval PureSOx, including connectivity offerings and news related to closed-loop scrubber configurations. They will also be able to explore a range of new advances, including an updated Alfa Laval Fuel Conditioning Module (FCM), the next-generation marine plate for gasketed plate heat exchangers, the multi-fuel Alfa Laval Aalborg boiler solution and the compact Alfa Laval Aalborg Micro exhaust gas boiler.

Experts will be available for in-depth discussions, for example regarding fuel challenges for equipment after the 2020 global sulphur cap. Throughout the stand, visitors will be able learn how Alfa Laval equipment, knowledge and services can help them reach their goals:

- **Confidence in meeting regulatory demands**

As environmental regulations tighten and their enforcement grows stricter, Alfa Laval solutions help customers stay compliant – and retain operational flexibility. From

treating ballast water with minimized USCG holding time to providing hybrid-ready scrubber systems for easy upgrade to closed-loop operation, Alfa Laval is ensuring simple and future-proof peace of mind.

- **Operations to count on in a changing industry**

In the face of new fuels and new onboard processes related to the 2020 global sulphur cap, reliability has never been more important. Alfa Laval has the innovative equipment and knowledge to help customers ensure it, from separators, filters and adaptive thinking in the engine fuel line to multi-fuel burners and optimized fuel supply recommendations for boilers. All backed by a dedicated global network committed to 24/7 service.

- **Smarter ways to save and profit**

When the demands are higher than the margins, every opportunity for efficiency counts. Working in applications as varied as fuel treatment, steam production, waste heat recovery and fresh water generation, Alfa Laval is boosting efficiency through compact equipment innovations, process line synergies, connectivity, training and more. Besides reducing investment and operating costs, the solutions can help customers achieve faster, simpler and more profitable operations.

For more info

Details of stand events and other developments will be updated regularly on Alfa Laval's Nor-Shipping campaign site. To learn more, visit www.alfalaval.com/nor-shipping-2019

To learn more about Alfa Laval PureBallast 3, Alfa Laval PureSOx and Alfa Laval's approach to marine applications, visit www.alfalaval.com/marine

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Editor's notes

About Alfa Laval PureBallast

PureBallast, which was the first commercially available ballast water treatment solution, is a chemical-free technology sold and serviced by Alfa Laval. A vital component of PureBallast is the enhanced UV reactor, which was developed jointly by Alfa Laval and Wallenius Water based on Wallenius Water technology. All PureBallast systems are available with both IMO and U.S. Coast Guard type approvals.

About Alfa Laval

Alfa Laval is a leading global provider of specialized products and engineering solutions based on its key technologies of heat transfer, separation and fluid handling.

The company's equipment, systems and services are dedicated to assisting customers in optimizing the performance of their processes. The solutions help them to heat, cool, separate and transport products in industries that produce food and beverages, chemicals and petrochemicals, pharmaceuticals, starch, sugar and ethanol.

Alfa Laval's products are also used in power plants, aboard ships, in oil and gas exploration, in the mechanical engineering industry, in the mining industry and for wastewater treatment, as well as for comfort climate and refrigeration applications.

Alfa Laval's worldwide organization works closely with customers in nearly 100 countries to help them stay ahead in the global arena. Alfa Laval is listed on Nasdaq OMX, and, in 2018, posted annual sales of about SEK 40.7 billion (approx. 4.0 billion Euros). The company has about 17 200 employees.

www.alfalaval.com