



November 2022

Safe Bulkers orders additional retrofits of Alfa Laval PureSOx exhaust gas cleaning systems

In recent years, Greek shipowner Safe Bulkers has retrofitted Alfa Laval PureSOx exhaust gas cleaning systems on 20 of its bulk carriers. The company has just installed its 21st PureSOx scrubber, and four more retrofits are scheduled through the first half of 2023. Once again, the systems will be protected with a comprehensive Alfa Laval Service Agreement.

Leveraging the fuel price difference

Safe Bulkers is expanding the retrofit programme for exhaust gas cleaning within its fleet. Having now retrofitted an open-loop PureSOx system on the MV Pelopidas, the company will retrofit equivalent systems on four Capesize bulk carriers: MV Aghia Sofia, MV Lake Despina, MV Maria and MV Michalis H. Alfa Laval's deliveries for the vessels, which are each roughly 180,000 DWT in capacity, will extend from November 2022 to April 2023.

"When we first made the choice to retrofit Alfa Laval PureSOx systems in 2018, we were convinced that it was a good investment," says Dr Loukas Barmparis, President of Safe Bulkers. "Today's increased price difference between low-sulphur and high-sulphur fuel shows that we were correct. We are protecting our margins in a time of uncertainty while simultaneously protecting the environment. Through comprehensive sampling of effluent wash water from open-loop scrubber systems, independent laboratories using EPA or ISO methods have shown that there is little or no impact from the wash water concentrations."

Partnership a key reason for returning

For Safe Bulkers, turning to Alfa Laval for additional scrubber systems was the natural choice. The previous PureSOx retrofit projects have all gone smoothly, and the systems themselves have lived up to the promised high performance.

"Retrofitting large equipment like a scrubber will always involve challenges," says Barmparis. "What makes the difference is the supplier's commitment to finding a solution. Having already done 21 retrofits with Alfa Laval, we can say with confidence that the cooperation works – just like the PureSOx technology. Both the support and the results are consistently excellent."

To take full advantage of the partnership, Safe Bulkers has an Alfa Laval Service Agreement in place for its PureSOx systems. Comprising spare parts packages, sensor exchanges, connectivity and more, the agreement will now be expanded to cover the additional vessels.

"We take no chances with our compliance at Safe Bulkers," Barmparis concludes. "Service is an important safeguard, and we know that we can rely on Alfa Laval's expertise. The support we receive means that we can always be certain of fulfilling our obligations."

To learn more about Alfa Laval PureSOx and Alfa Laval's approach to exhaust gas cleaning, please visit: www.alfalaval.com/puresox

For further information, please contact:

Anders Lindmark

President, Business Unit Gas Systems

Alfa Laval Marine Division

Phone: +31 61 382 1464

E-mail: anders.lindmark@alfalaval.com

Geertje van Duijne

Marketing Communications Manager, Business Unit Gas Systems

Alfa Laval Marine Division

Phone: +31 24 352 3239

E-mail: geertje.vanduijne@alfalaval.com

Editor's notes

This is Alfa Laval

Alfa Laval is a world leader in heat transfer, centrifugal separation and fluid handling, and is active in the areas of Energy, Marine, and Food & Water, offering its expertise, products, and service to a wide range of industries in some 100 countries. The company is committed to optimizing processes, creating responsible growth, and driving progress to support customers in achieving their business goals and sustainability targets.

Alfa Laval's innovative technologies are dedicated to purifying, refining, and reusing materials, promoting more responsible use of natural resources. They contribute to improved energy efficiency and heat recovery, better water treatment, and reduced emissions. Thereby, Alfa Laval is not only accelerating success for its customers, but also for people and the planet. Making the world better, every day.

Alfa Laval has 17,900 employees. Annual sales in 2021 were SEK 40.9 billion (approx. EUR 4 billion). The company is listed on Nasdaq Stockholm.

www.alfalaval.com