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Alfa Laval FCM Methanol with the longest operating experience crosses the 100-order mark

Alfa Laval has received over 100 orders for its low-flashpoint fuel supply system (LFSS) FCM Methanol. This achievement reflects the increasing trust shipyards and shipowners have in Alfa Laval's fuel treatment expertise, even in handling newer fuel alternatives.

Trusted partner in fuel treatment

The maritime industry is undergoing a transformative shift towards decarbonization and methanol has emerged as a preferred alternative fuel for many owners when ordering new vessels. According to the Methanol Institute, over 250 new methanol-capable vessels have been ordered worldwide so far, and methanol is the most contracted alternative fuel type in 2023, highlighting its growing acceptance.

With over 50 years of experience in fuel treatment, Alfa Laval has established the FCM Methanol as a reliable solution for methanol handling. Introduced in 2015, the system has the longest operational experience in the market with over 450,000 running hours at sea.

"Our journey to this point would not be possible without precious partnerships with engine designers, shipyards and great cooperation with shipowners who are precursors in adopting alternative fuels," says **Viktor Friberg**, Head of Marine Separation & Fuel Supply Systems, Alfa Laval. "Together, we will continue to develop fuel treatment solutions for alternative fuels and support the maritime industry's ambition to meet the climate targets."

Proven experience and mature support system

Alfa Laval is at its third generation of FCM Methanol and the most recent orders are utilizing the latest generation of this solution. The first vessels equipped with the system are nearing their second dry dock inspections, with the technology demonstrating an exceptional performance track record in terms of safety, reliability, and user-friendliness.

Years of experience have allowed Alfa Laval to build a robust support system around methanol. A global network of fully trained and equipped marine service professionals is in place to secure maximum system uptime for its customers. To ensure efficient operations and maximum engine protection, Alfa Laval has developed specialized service kits for optimized FCM maintenance. Furthermore, to be geographically closer to its global customer base, the production and supply chain have been expanded across Europe and recently China.

Well positioned to support the energy transition

Alfa Laval FCM Methanol is not only securing new build orders but is also part of innovative projects. A prime example is its selection for the industry's first methanol retrofit project for Maersk's container vessel. In addition, similar projects are under discussion with other shipowners.

While reaching 100 orders is a significant achievement, its development journey continues.



Alfa Laval is actively collaborating with MAN ES to develop a fuel supply system for 4-stroke engines and is also partnering with WinGD to have a solution soon ready for ammonia for 2-stroke engines.

Alfa Laval's dedication to the energy transition reaches beyond a single application or fuel type. The company is innovating and broadening its range of solutions for both existing and emerging alternative fuels. Central to this evolution is the Alfa Laval Test & Training Centre in Denmark which plays a crucial role in the company's innovation journey. Alfa Laval's dedication to research and development, together with its extensive portfolio and service network, equips it to meet the needs of its customers and partners for the future of shipping.

Learn more about Alfa Laval solutions for methanol as fuel at: [Marine equipment and solutions for methanol as fuel | Alfa Laval](#)

Explore Alfa Laval's sustainable solutions & technologies: [Sustainable shipping solutions and technologies | Alfa Laval](#)

For more information, please visit the Alfa Laval Marine webpage: <https://www.alfalaval.com/industries/marine-transportation/marine/>

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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 services 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 20,300 employees. Annual sales in 2022 were SEK 52.1 billion (approx. EUR 4.9 billion). The company is listed on Nasdaq Stockholm.

<https://www.alfalaval.com/>