

Press release

Alfa Laval FCM LPG chosen as the fuel supply system for four new LPG carriers

Alfa Laval FCM LPG fuel supply system has been selected for four new LPG carrier projects by two leading shipyards in Asia. Known for its efficient performance and design flexibility, the system continues to support the marine industry's transition through reliable and adaptable fuel supply solutions.

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Proven and reliable technology to support decarbonization

As the marine industry focuses on decarbonization, Alfa Laval is experiencing demand for solutions related to LPG as fuel. With lower carbon emissions compared to conventional fuels, significantly reduced SOx, and a well-established global supply infrastructure, LPG presents shipowners with a viable path to compliance and decarbonization, particularly in segments such as gas carriers.

The success of this approach can be seen in orders from prominent system builders in the LPG market. Alfa Laval will provide two FCM LPG for newbuild 50,000 CBM medium-sized gas carriers to be built at Jiangnan Shipyard in China for a leading Vietnamese ship owner with operations in marine transport across dry cargo, liquid and gas. The other two FCM LPG will be installed on 87,000 CBM

large-sized LPG gas carriers at Namura Shipbuilding in Japan for a Japanese owner having a strong presence in global shipping. The FCM LPGs will be delivered in 2026.

"With mature solutions already in place for alternative fuels like methanol and frontrunning developments in ammonia, we remain committed to supporting the full spectrum of fuel choices the maritime industry is exploring," says **Peter Sahlen**, Head of Marine Separation, Fuel Supply System & Heat Transfer, Alfa Laval. "LPG is a valuable alternative fuel solution for LPG carriers, and we are proud to enable that transition. The strong interest in our LFSS technology reflects its efficiency and flexibility. The system can be tailored to suit the specific requirements of each vessel and project."

Long-standing partnership with shipyards, system builders and shipowners

These latest orders reflect Alfa Laval's strong relationship with the shipyards, system builders and shipowners, built on successful project deliveries and service. Alfa Laval has been working closely with Namura and Jiangnan Shipyards, supplying fuel systems for previous LPG projects since 2022.

Alfa Laval's reliability as a partner goes beyond its products. It is rooted in deep application knowledge, dependable service support throughout the equipment lifecycle, and the ability to adapt solutions to specific project demands. Built on Alfa Laval's fuel line expertise, the system delivers a compact design, high energy efficiency and an adaptive response that ensures perfect synchronization with the main engine, thus making it the best choice for dual fuel operations.

"We have successfully partnered with Alfa Laval a long time ago for fuel supply system for traditional oil, recently for methanol, and we feel confident choosing the LPG fuel supply system from Alfa Laval for its safety, efficiency, and proven performance," says **Sanguo Dong**, Technical Director, Jiangnan Shipyard. "Alfa Laval's technological expertise and ability to customize its system technology to fit ships' needs align with our goal of developing competitive, future-ready ships."

Broad range of solutions for efficient LPG transport

The growing orders for Alfa Laval FCM LPG fuel supply systems reflect strength in Alfa Laval's broad LPG offering. While the central role of the LFSS puts it in focus, the FCM LPG is not Alfa Laval's only engine-related solution for LPG as fuel. On LPG-powered vessels that use Exhaust Gas Recirculation (EGR) to curb NOx emissions, Alfa Laval PureNOx LS provides effective cleaning of the EGR bleed-off water. Moreover, Alfa Laval maintains a strong portfolio of solutions used in LPG cargo handling systems. These include the company's robust semi-welded plate heat exchangers, which are a critical component in the FCM LPG but also a frequent choice for LPG cargo handling systems, due to their resistance to vibrations and pressure cycles.

"Alfa Laval's offering truly extends from bow to stern," says **Peter**. "LPG carriers benefit not only from our fuel supply expertise but also from technologies that support energy efficiency, safety and reliable cargo handling."

To learn more about the Alfa Laval FCM LPG, visit: [FCM LPG | Alfa Laval](#)

For more about Heating and cooling for LPG cargo handling, visit: [Heating and cooling for LPG and ammonia cargo handling | Alfa Laval](#)

To know about Alfa Laval's approach to new fuels and decarbonization, visit: [Clean energy](#)

Explore Alfa Laval's full range of marine solutions and technologies at www.alfalaval.com/marine

This is Alfa Laval

The ability to make the most of what we have is more important than ever. Together with our customers, we're innovating the industries that society depends on and creating lasting positive impact. We're set on helping billions of people to get the energy, food, and clean water they need. And, at the same time, we're decarbonizing the marine fleet that's the backbone of global trade.

We pioneer technologies and solutions that free our customers to unlock the true potential of resources. As our customers' businesses grow stronger, the goal of a truly sustainable world edges closer. The company is committed to optimizing processes, creating responsible growth, and driving progress to support customers in achieving their business goals and sustainability targets. Together, we're pioneering positive impact.

Alfa Laval was founded 140 years ago, has customers in 100 countries, employs more than 22,300 people, and annual sales were SEK 66.9 billion (5.8 BEUR) in 2024. The company is listed on Nasdaq Stockholm.

www.alfalaval.com

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