



September 2022

## Alfa Laval and WinGD will cooperate on the Swiss engine designer's methanol fuel solution

**Alfa Laval and Swiss engine designer WinGD have established a joint programme in which Alfa Laval will develop the fuel supply system for WinGD methanol engines. The agreement was signed on the 8<sup>th</sup> of September at the SMM exhibition in Hamburg, Germany.**

### **Partners with carbon in focus**

To support shipping decarbonization, WinGD has announced that its engines will be able to run on methanol as of 2024. In making that promise reality, the company has turned to Alfa Laval for the development of a fuel supply solution. Alfa Laval will provide a fuel supply system designed for the requirements of WinGD's proven two-stroke engine and fuel injection technology using methanol as fuel.

"Many of the vessels purchased today will be sailing in 2050, so the engine solutions for carbon-neutral methanol cannot wait," says Dominik Schneider, Vice President R&D, WinGD. "To bring reliable solutions quickly to WinGD customers, we need a knowledgeable partner in the fuel supply application. We are confident in the expertise Alfa Laval will bring to this collaboration."

"Strategic partnerships like this one with WinGD are the fastest, most certain path to shipping decarbonization," says Peter Nielsen, President, Marine Separation & Heat Transfer Equipment, Alfa Laval. "To reach the goals within the time frame the climate demands, we as marine technology leaders must pool our expertise."

### **Trusted technology for methanol supply**

Alfa Laval's role in the project will draw heavily on existing experience. The Alfa Laval FCM Methanol, the industry's leading low-flashpoint fuel supply system (LFSS) for methanol, has an adaptable design and has been selected in over 30 methanol projects for major shipowners.

In the cooperation with WinGD, Alfa Laval will provide the LFSS itself, as well as the control system, the fuel valve train and auxiliary functions like the purging system. A prototype will be delivered for tests of the methanol engine, which will take place at WinGD facilities in Winterthur, Switzerland.

"Alfa Laval is supporting customers of all types and in all stages of the fuel transition," says Viktor Friberg, Head of Marine Separation & Fuel Supply Systems, Alfa Laval. "That means working with the full range of current and future marine fuels, as well as adapting our technology to support their choice of engines."

### **Making future fuels available now**

The two companies intend to have a methanol engine and fuel supply system design prepared and tested during 2023. Under the terms of the agreement, Alfa Laval will be an approved manufacturer and supplier of the commercial LFSS product resulting from the joint R&D.

Further, the agreement paves the way for similar cooperation on ammonia, targeting WinGD engines that can use ammonia as fuel by 2025.

“Together we are moving swiftly to enable the use of clean fuels,” says Dominik Schreiber. “When preparing new vessels, shipowners today can plan for methanol and ammonia, knowing that WinGD engine technology will be ready when it comes time to build.”

To learn more about the Alfa Laval FCM Methanol and Alfa Laval’s approach to methanol solutions, please visit: [www.alfalaval.com/methanolasfuel](http://www.alfalaval.com/methanolasfuel)

To learn more about WinGD engine solutions and WinGD’s work towards shipping decarbonization, please visit: [www.wingd.com](http://www.wingd.com)

**For further information, please contact:**

**Viktor Friberg**

Head of Marine Separation & Fuel Supply Systems  
Alfa Laval Marine Division

**Phone:** + 46 709 64 35 32

**E-mail:** viktor.friberg@alfalaval.com

**Helena Sannicolo**

Vice President Marketing Communications  
Alfa Laval Marine Division

**Phone:** +46 70 569 3806

**E-mail:** helena.sannicolo@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](http://www.alfalaval.com)