



NEWS RELEASE

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Alfa Laval signs agreement with leading engine developer

Alfa Laval – a world leader in heat transfer, centrifugal separation and fluid handling – continues to expand its offering to marine customers, catering to their needs no matter which fuel they use to propel their vessels. The new addition Alfa Laval CEC-S solution, developed in cooperation with the global Swiss engine developer WinGD, is targeting ships that run on gas and it will improve the engine efficiency on ships that run on gas.

The new Alfa Laval CEC-S system (cascade exhaust gas cooling system) will be incorporated into WinGD's gas engines where it will be used for cooling and recycling purposes. It will contribute to significantly lowering the methane slip into the atmosphere, while also improving engine efficiency thus decreasing a ship's carbon footprint.

"Developing this solution, in close cooperation with the leading low-pressure gas engine designer WinGD, has been highly satisfying," says Sameer Kalra, President of the Marine Division. "It is also a clear example of our commitment to the "Getting to Zero Coalition" – an initiative aimed at addressing climate change through the development of new technology."

Swiss engine developer WinGD operates with a licensing model, enabling engine builders to implement the company's designs – which in this case includes Alfa Laval's CEC-S solution.

Fuel choice is key when aiming to reduce global emissions. In the marine sector, which traditionally uses heavy fuel oil, ever stricter rules are being implemented to limit emissions. There are several ways to comply, including using natural gas as fuel. Gas holds only a fraction of the nitrogen oxides and sulphur oxides seen in traditional fuels – and carbon dioxide emissions are lower. Alfa Laval aims to support the marine sector, no matter which fuel the shipowners decide to use, and help them secure efficient, reliable and compliant vessel operation.

Did you know that... according to the IMO, ships carrying LNG as cargo have also been fueled by gas for over 50 years?

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This is Alfa Laval

Alfa Laval 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 – always going the extra mile 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. It's all about Advancing better™.

Alfa Laval has 17,500 employees. Annual sales in 2019 were SEK 46.5 billion (approx. EUR 4.4 billion). The company is listed on Nasdaq OMX.

www.alfalaval.com

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