

# Danish Premium Brands Set a Green Course for the Industry

G&O Maritime Group offers a product portfolio designed for ships that aim to operate more sustainably on alternative fuels like ammonia and methanol, which are poised to become some of the most important green maritime fuels of the future. The well-known products from this conglomerate enhance propulsion management, tank management, and water and waste management on ships worldwide.

BY PIA BUNDGAARD HANSEN

The International Energy Agency (IEA) expects ammonia to become one of the most critical green fuels to support the goal of carbon-neutral shipping. The IEA estimates that by 2070, ammonia will account for half of maritime fuel consumption.

"We have compiled a comprehensive solution portfolio within propulsion management, tank management, and water and waste management that fits well into the global green transition the maritime industry is undergoing," says Kristoffer Buhl Larsen, CCO of G&O Maritime Group, and elaborates:

"The transition to greener fuels demands more flexible solutions for engines. When fuel is changed, the conditions inside and outside the engine also change, requiring intelligent and flexible solutions that address issues such as vibrations, lubrication, and new requirements for fuel tank management."

## Staying Ahead of the Curve

Among its portfolio, G&O Maritime Group includes the Pres-Vac valve. The maritime conglomerate is also the only player in the market with certified dual-fuel valves for long pipes over 140 meters, suitable for fuel tanks containing methanol, for example.

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the carbon footprint reduced, lubrication oil will be the next element to address in further reducing the carbon footprint on ships. Our systems offer flexibility and the potential for significantly lower lubrication oil consumption, which ultimately means a smaller carbon

footprint," explains Kristoffer Buhl Larsen.

Among the forward-thinking solutions, it's also worth mentioning Gertsen & Olufsen's water treatment system, which is 100% biological. This system purifies water without using chemicals like chlorine. Gertsen & Olufsen's market-leading vibration compensators are also designed to handle multiple types of vibrations and engine conditions, a characteristic of dual-fuel engines.

## Collaboration Drives Development

"We have made significant progress in developing green solutions within the maritime industry in Denmark, but it's clear that we cannot achieve this alone. Therefore, development is closely tied to the strength of collaboration across the industry and the world with engine

"Over the years, we have been market leaders in the sales and development of solutions within our niches. This development has continued, and today, with our premium brands, we stand on the shoulders of knowledge and technology that are highly relevant in the green transition," says Kristoffer Buhl Larsen.

G&O Maritime Group has also invested in the well-known and extremely sophisticated lubrication oil systems from Hans Jensen Lubricators.

"When changing the fuel in the main engine, we have lubrication oil systems that offer the flexibility required," says Kristoffer Buhl Larsen.

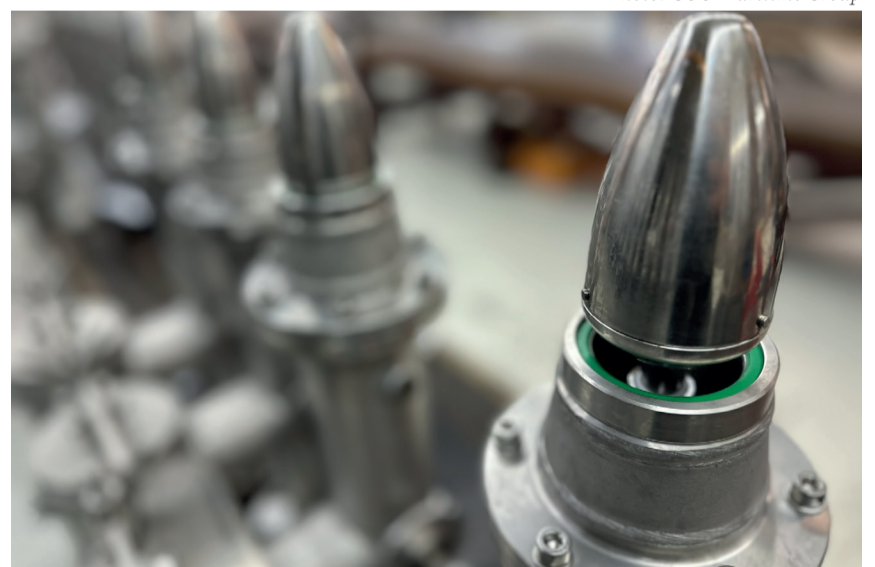
Strategic thinking has already been applied in the development of these lubrication systems:

"Lubrication oil is interesting to focus on because once the fuel has been changed and



Hans Jensen Lubricator

Photo: G&O Maritime Group



Pres-Vac Methanol

Photo: G&O Maritime Group

designers, builders, and shipyards, for example, in Asia," says Kristoffer Buhl Larsen, adding:

"This is why close collaboration with our customers is crucial to drive development together."

Learn more about the portfolio and the greener future at [www.gomaritimegroup.com](http://www.gomaritimegroup.com).

## FACTS

G&O Maritime Group is a world-leading partner for shipping companies, shipowners, and shipbuilders in the global maritime industry.