

WinGD dual-fuel technology gives Polaris Shipping flexibility across methanol and ethanol

WINTERTHUR, SWITZERLAND (September 10 2026)

Swiss marine power company WinGD has won a contract that will give Polaris Shipping true fuel flexibility for its future Newcastlemax fleet with an order of four X72DF-M-1.0 engines that can operate on methanol and ethanol. The ability to operate on either fuel gives Polaris Shipping greater flexibility to respond to changes in fuel availability, pricing and regulatory requirements over the vessels' operating lives and is a key benefit of WinGD's innovative alcohol-fuel engine platform.

The WinGD engines will power four 210,000 DWT Ore carriers being built for Polaris Shipping at Qingdao Beihai Shipbuilding Heavy Industry Co in China, with delivery scheduled for 2031.

Dr. Carmelo Cartalemi, Head of Strategic Marketing at WinGD said: "Shipowners are looking for flexible solutions to help them meet their decarbonisation goals without compromising on reliability, safety or financial stability. Our alcohol-fuel engine platform enables ships to operate on either ethanol or methanol, giving shipowners and managers the option to select the fuel that best fits their operational and commercial requirements. With fuel markets and regulations continuing to evolve, that flexibility can be a valuable asset over the lifetime of a vessel."

The X72DF-M1.0 can run on methanol and ethanol. This provides flexibility between the two fuels, while maintaining compliance with the regulatory requirements applicable to both fuels. WinGD will also provide dedicated service and lifecycle support for the new alcohol fuels, helping shipowners and operators build familiarity with the technology, optimise operation and maintenance, and adopt methanol and ethanol propulsion in a safe and economically sustainable way.

Polaris Shipping said: "Fuel availability and economics will continue to evolve over the lifetime of these vessels. Selecting an engine platform that gives us access to both methanol and ethanol means we can provide to our charter a greater choice in how the ships are operated in the future, rather than having to predict today which fuel will be most competitive in the years ahead. We're investing for the long-term, and this engine choice gives us the confidence to do that."

The order adds to WinGD orderbook of alternative fuel engine technology, which now spans LNG, methanol, ethanol and ammonia. Beihai Shipyard is also working with WinGD on the installation of its innovative ammonia-fuelled engine for CMB TECH's newbuild 210,000 dwt dry bulk carriers.

With alternative-fuel engines progressing from development and testing into vessel construction and operation, WinGD's technology is increasingly being deployed to support shipowners' decarbonisation strategies while maintaining flexibility in fuel choice.

ENDS

Media Contact:

Kami Paulson
Head of Client Communications
Knights Media and Public Relations #knightsmpr
E-mail: kami@knightsmpr.com
Tel.: +44 7947 697 653

WinGD in brief

WinGD advances the decarbonisation of marine transportation through sustainable energy systems using the most advanced technologies in emissions reduction, fuel efficiency, hybridisation and digital optimisation. With their two-stroke low-speed engines at the heart of the power equation, WinGD sets the industry standard for reliability, safety, efficiency, and environmental design - supported by Global Service by WinGD, which delivers tailored 24X7 lifecycle engine support through Swiss engineering excellence, dependable maintenance, rapid global response, and genuine parts to keep engines performing at their best.

Headquartered in Winterthur, Switzerland since its origin as the Sulzer Diesel Engine business in 1893, today it is powering the transformation to a sustainable future.

For more information visit: www.wingd.com
Follow WinGD on [LinkedIn](#) for the latest news and updates