

## Press release

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# First Full-Scale Tests of 175DF Methanol Engine Successfully Started

## Testing in both diesel and methanol modes carried out at Danish facility

Everllence has announced the successful, full-scale testing of its 12-cylinder 175DF-M dual-fuel methanol engine at the company's Test and Research Center in Frederikshavn, Denmark.

The company reports that, following the optimisation of the 175DF-M (Dual-Fuel Methanol) concept on a single-cylinder test stand in 2025, this first full-scale test campaign has validated operation in both diesel and methanol modes.

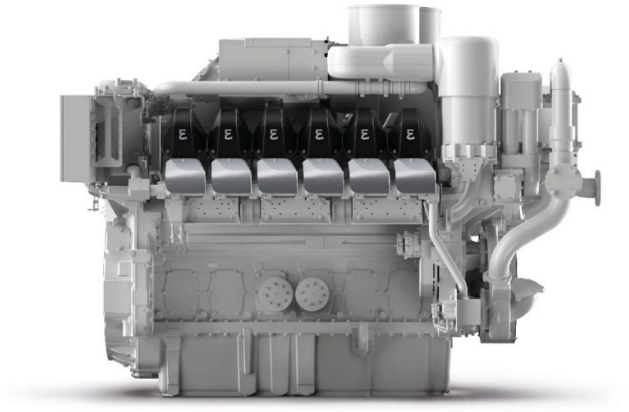
Everllence states that the 175DF-M is designed to achieve its highest efficiency at more than 95% methanol share in a wide load range for its variable speed variant, while utilising a low-pressure port-fuel-injection (PFI) system. This approach enables simpler fuel-supply arrangements, reduced system complexity, and lower installation costs.

In addition, the engine's design supports straightforward retrofitting with high parts communality, offering shipowners the flexibility to transition towards carbon-neutral operation when required.

The company reports further that the first commercial orders for the high-speed engine have already been secured, with 12V and 16V175DF-M variable-speed gensets scheduled for delivery in mid-2027 to two different superyacht customers.

Everllence considers the 175DF-M as one of the key strategic pillars in its commitment to supporting the shipping industry's transition towards lower-carbon operations.

Florian Keiler, Sales & Business Development Manager at Everllence, said: "We are encouraged by the results achieved by the 175DF-M and look forward to supporting superyacht, tug, offshore, governmental and passenger-vessel applications. Together with our customers, we aim to develop practical and efficient solutions for maritime decarbonisation."



*Everllence's 175DF-M engine*

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Everllence (formerly MAN Energy Solutions) is a leading provider of propulsion, decarbonization and efficiency solutions for shipping, the energy economy and industry. True to our motto – 'Moving big things to zero' – we help key industries in the global economy to reduce hard-to-abate emissions. Our technologies have a measurable impact on the success of the global energy transition. Headquartered in Germany, Everllence employs some 15,000 people at over 140 sites globally. Our after-sales brand, Everllence PrimeServ, also supports our customers through its worldwide service-center network.