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## Press release

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## MAN 175D Biofuel-Ready

### High-speed engine ready to operate on 100% biofuel

MAN Energy Solutions has announced that its MAN 175D engine is formally approved for operation on biofuels, effective immediately. This applies to all standard biofuels such as HVO (Hydrotreated Vegetable Oil) and FAME (Fatty Acid Methyl Ester) fuels up to a content of 100%. Crucially, the engine itself does not require any technical adjustments, following the announcement.

Florian Keiler, Head of High-Speed Sales, MAN Energy Solutions, said: “MAN Energy Solutions prepares its engines for operation on future and sustainable fuels and the MAN 175D is no exception. Several such units have been running on up to B30 biofuel in commercial, as well as governmental, applications for several years already where our experience has been very good and shown that the 175D does not suffer any loss in performance even when using these fuels. Due to its state-of-the-art design, just a few engine components are subject to slightly higher wear, depending on the amount of biofuel and the duration of operation. For uninterrupted engine operation, only minor adaptations of the fuel-treatment system are necessary.”

Due to the lower energy content of FAME fuels, the engine’s Maximum Continuous Rating would drop if no correction measures were applied. Therefore, MAN Energy Solutions has developed a solution that allows the correction of the load by means of a Fuel Adaption Control ensuring full MCR power, also when operating with 100% FAME fuels.

### About the MAN 175D engine

MAN Energy Solutions developed the MAN 175D engine range to supplement and complete its product portfolio in the maritime sector. In three variants of 12, 16 and 20 cylinders, the engine is available with an output ranging from 1,500 to 4,400 Kilowatts and is optimised for propelling ferries, offshore supply vessels, tug boats and other working vessels. Other market areas, such as super-yachts and naval marine applications, are also served by additional, specialist model versions.

It is also an extremely eco-friendly engine, being designed from the outset with compliance to the latest, as well as future, exhaust-gas-emission requirements and utilises a very compact and flexible SCR system, which enables vessel designers to optimise space aboard to the maximum.



*The MAN 175D high-speed engine*

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MAN Energy Solutions enables its customers to achieve sustainable value creation in the transition towards a carbon neutral future. Addressing tomorrow's challenges within the marine, energy and industrial sectors, we improve efficiency and performance at a systemic level. Leading the way in advanced engineering for more than 250 years, we provide a unique portfolio of technologies. Headquartered in Germany, MAN Energy Solutions employs some 14,000 people at over 120 sites globally. Our after-sales brand, MAN PrimeServ, offers a vast network of service centres to our customers all over the world.