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**Press release**

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# MAN 51/60DF Engine Passes 10 Million Operational Hours Milestone

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## Latest 100 sales within last two years

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MAN Energy Solutions has announced that its MAN 51/60DF engine has passed the milestone of 10 million operational hours. The company states that, since its market entry, the dual-fuel engine has proved extremely popular with 310 engines currently in service – an increase of almost 100 units since 2022.

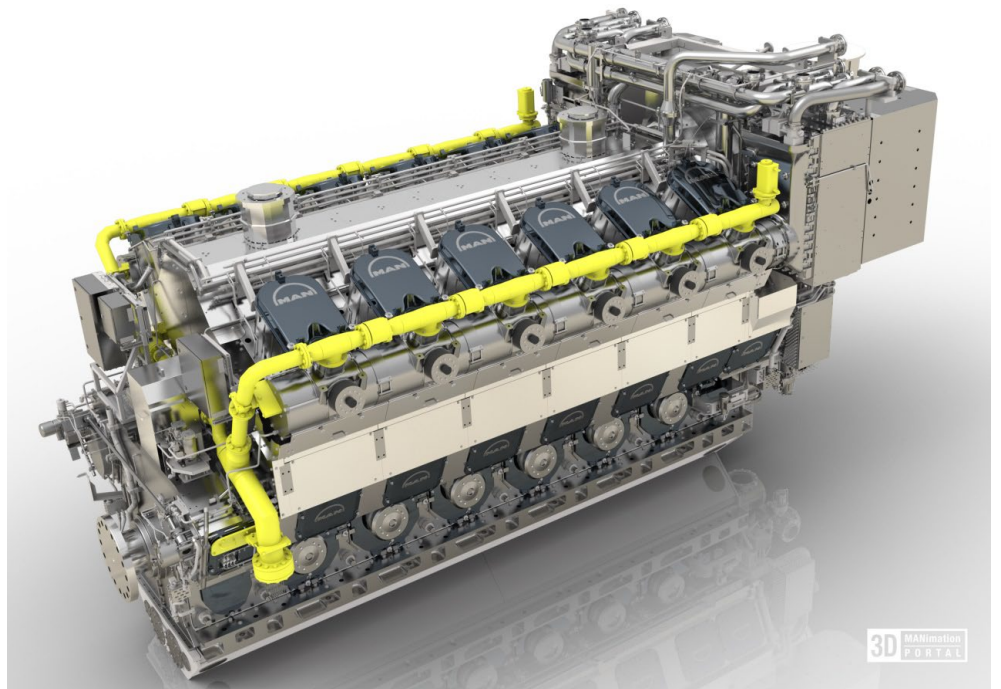
The 51/60DF engine, which can run on a wide variety of fuels including natural gas, biogas, bio-fuel, synthetic fuels, distillates and heavy fuel oil, has been in MAN Energy Solutions' portfolio since 2009. It comes in various power classes from 6.3 to 20.7 MW and is serviced by MAN PrimeServ, MAN Energy Solutions' after-sales division, on five continents.

Stefan Eefting, Head of MAN PrimeServ Germany, said: "This is a significant milestone that stands testimony to the character of this engine. The 51/60DF has become a fixture in shipping and power-plant operation and stands for absolute reliability – even in high ambient temperatures. Switching between the different fuels happens more or less at the touch of a button and is possible at any point between 0 and 100% load without any loss of power or frequency shift."

MAN Energy Solutions states that the 51/60DF is extremely reliable in both operation and maintenance. In addition to excellent availability of up to 98%, many of the engine's core components show remarkably little wear even after extended operation, regardless of whether the engine has been running on heavy fuel oil or gas. Experience to date has also shown that the maintenance intervals achieved have significantly exceeded the expected, planned schedule of 36,000 hours.

Uniquely, MAN Energy Solutions is the only brand to supply all auxiliary system components to its engines. In addition to the MAN turbochargers integrated with MAN engines, customers furthermore receive MAN injection systems, as well as MAN control and automation systems from the one source. Accordingly, all individual systems are optimally matched to one other, meaning that a unique, customised service concept can be offered – a unique selling point for the market.

In terms of fuel, Eefting added: "Fuel flexibility is a must for modern engines. The 51/60DF is already operating on heavy fuel oil, marine diesel and liquid biofuel, biogas, green Synthetic Gas (SNG) and is well proven in numerous installations around the world through its compliance with the ever tougher emission requirements of World Bank and IMO. In the coming years, it will also be capable of operation on other especially green synthetic fuels as methanol and by that contribute to the decarbonisation of the energy and maritime sectors."



*The 51/60DF engine is also available as a retrofit kit for 48/60 engines as part of MAN PrimeServ's standard retrofit portfolio*

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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.