

MAN Fuel Upgrade

The bio/synthetic fuel upgrade is a MAN retrofit solution aimed at improving efficiency and reducing the carbon factor of CO₂ emissions in order to meet existing and future regulations.

General

The purpose of the bio and synthetic fuel package is to optimize engine operation on bio and synthetic fuels such as FAME or HVO.

- Benefit from a smaller CO₂ footprint due to the lower carbon factor of these alternative fuels.
- Fuel EU advantage due to the lower carbon factor
- Possibility to use the bio- or synthetic fuel as blend with traditional petroleum-refined fuel
- These fuels are sulphur-free
- The characteristics of bio and synthetic fuel may lead to a reduction in maximum engine power

Applicability

The Fuel Flex package is designed for customers who are and will improve their carbon footprint by using bio and synthetic fuels.

Restrictions

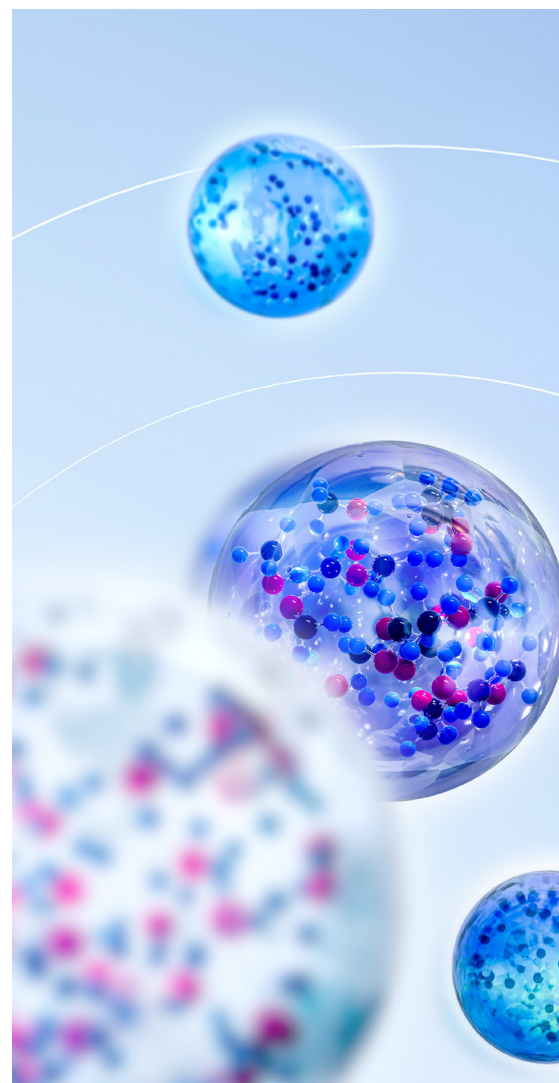
- Engines that are designed to run only on heavy fuel oil
- Systems with old-design seals

Technical data

- Significant reduction in CO₂ emissions depending on load profile and fuel type
- Emission compliance is guaranteed if emission relevant components and settings remain unchanged
- The package depends on the engine type and may include fuel injection, booster and supply system
- This retrofit adapts the combustion behavior to the characteristics of the new fuel
- Fuel booster system can deliver three times the engine's fuel consumption

Scope of supply

- Sealings in the fuel injection system
- Upgrade of the fuel booster system
- Adaptive control of the fuel injection depending on the fuel or blends characteristics



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More information

Contact your local MAN PrimeServ office for more information about the product and how the upgrade can improve your specific engine.

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