

MAN EcoTorque

MAN PrimeServ

MAN EcoTorque is a governor control update developed to improve cylinder liner condition and lower fuel consumption. By governing the engine within a specified speed range instead of a steady RPM, MAN EcoTorque ensures a stable fuel index.

MAN EcoTorque is the new default governor setting that actively controls the engine to keep the fuel index steady, thereby stabilizing the torque by letting the engine's speed float within a specified range.

Previously, the default governor setting on ME engines focused on keeping a steady RPM. However, when operating with a steady RPM, the engine has to increase and decrease the load to follow the ordered RPM as the vessel's external conditions change. This triggers a fluctuating fuel index.

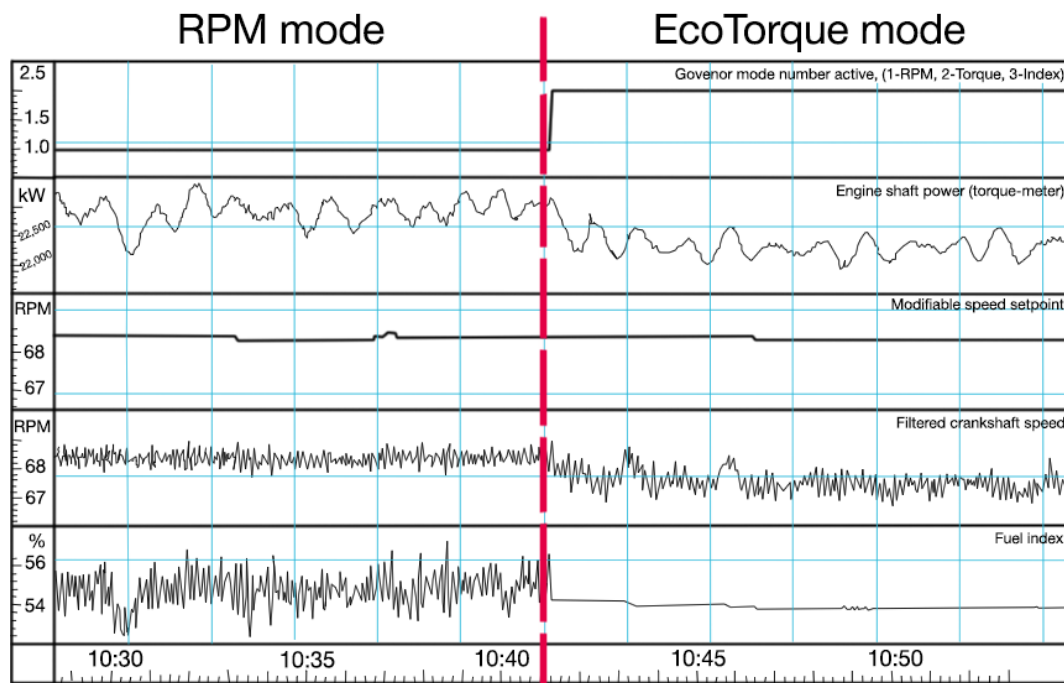
To avoid these rapid and frequent fuel index changes, and thereby improving the cylinder liner condition, MAN EcoTorque allows the engine speed to drift within a specified range from the ordered engine speed.

The stabilized fuel index result in lower fuel consumption. Compared to operating the engine in "RPM mode", experience shows that "Torque mode" saves an approx. 1 g/kWh on the specific fuel oil consumption, while maintaining the same vessel speed.

The MAN EcoTorque functionality is installed on the main operating panel as "Torque mode". It is automatically activated when operating maneuver FULL and above.



MAN EcoTorque



Key benefits

- Improved cylinder liner condition
- Smoother engine operation
- The effect of external conditions on engine operation is minimized
- Prolongs the time between overhauls for cylinder liners and piston rings
- Approx. 1 g/kWh fuel saving
- Great return on investment

Scope of supply

MAN EcoTorque software

Applicability

All ME engines

Reference list

Standard configurations on engines since 2020.

Retrofit & Upgrades

(Two-stroke)

P + 45 33 85 11 00

retrofit2s@man-es.com

More information

Would you like to know more about the product, and how the upgrade can improve your specific engine? Then do not hesitate to contact your local MAN PrimeServ office to receive more information about the upgrade!

MAN Energy Solutions

MAN PrimeServ

Tegholmegade 41

2450 Copenhagen SV, Denmark

P + 45 3385 1100

primeserv-cph@man-es.com

www.man-es.com/primeserv

All data provided in this document is non-binding. This data serves informational purposes only and is not guaranteed in any way. Depending on the subsequent specific individual projects, the relevant data may be subject to changes and will be assessed and determined individually for each project. This will depend on the particular characteristics of each individual project, especially specific site and operational conditions.

Copyright © MAN Energy Solutions. Printed in Denmark Prinftrekroner-JAN-2019-3010-0384-00ppr