

MAN Overridable Power Limitation MC

MAN PrimeServ

MAN Overridable Power Limitation (OPL) is a retrofit solution designed to lower the energy efficiency index for existing ships (EEXI) by limiting the engine power of the existing fleet to comply with the IMO resolution MEPC 335 (76) adopted on 17 June 2021.

MAN OPL is a measure to limit the main engine's maximum continuous rating (MCR), with the possibility to be overridden if the safety of the vessel is compromised. The MAN OPL is a mechanical stopper device for limiting the fuel index. The solution is tamper proof, which includes that the MAN OPL solution cannot be overridden via local control.

The OPL stopper is installed on the original fuel index stop and can be adjusted if full engine power is required. Once adjusted, the original fuel index stop is revealed and full engine power is available.

The OPL stopper is secured and locked by a unique wire seal with a part number and IMO number. The wire seal can only be installed when the OPL stopper is secured in the correct position.



Fig. 1 - MAN OPL

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Key benefits

- Simple solution, fast and easy way to limit the power output of engines or un-limit the engine if additional power is needed and allowed
- No additional systems required
- Easy installation, can be done by service engineer during normal port stay
- OPL system can be activated on the first survey day in 2023

For MC engines, the OPL solution allows easy release and secures the reset of power limitation with no risk of overload.

Scope of supply

- A mechanical stopper for limiting the fuel index
- Set of numbered seals
- Documentation
 - EPL report
 - Onboard Management Manual (OMM) template

Applicability

Applicable for all types of two-stroke MC engines.

Retrofit & Upgrades
(Two-stroke)
P + 45 3385 1100
retrofitdk@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

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