



Reason

In the recent past, customers have increasingly been asking whether dry cleaning of the turbine is also effective with the engine in partial load operation. This Customer Information is intended to further clarify the relevant specifications in the project guide and operating instructions.

Action Code:

When convenient

Dry cleaning of the turbine
in slow steaming mode

PrimeServ Customer Information

No. 356 / June 2016

Concerns

MAN Diesel & Turbo Turbochargers
All turbochargers (NA, NR, TCA, TCR)

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Description

As specified in the maintenance schedule, dry cleaning of the turbine on MAN Diesel & Turbo turbochargers is to be carried out at normal engine operating load every 24 hours.

This does not necessarily mean, however, that the cleaning operation has to be performed at full engine load. Experience in the field has shown that the kinetic energy of the injected granulate is still sufficient even at 15 % engine load and that the cleaning effect of turbine dry cleaning is thus still assured at this level.

The specification at normal operating load means that the engine load does not have to be reduced to partial load for dry cleaning of the turbine – in contrast to wet cleaning of the turbine. If the engine is operated at partial load (e.g. in slow steaming mode), it does not have to be accelerated to full load.

If the engine is operated at less than 15 % engine load, it is necessary to perform a combined dry cleaning and wet cleaning procedure of the turbine. Should your turbocharger not be equipped with a wet cleaning device and should you wish to permanently run your vessel on less than 15 % engine load, please contact our Technical Service Department about retrofitting a wet cleaning device.

Contact

For upgrading, please do not hesitate to contact our technical service department for further information.

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Please forward this information to your technical operating personnel and remember to inform us of the current operating hours of your MAN Diesel & Turbo engines.