

Tekomar

made by
engineers



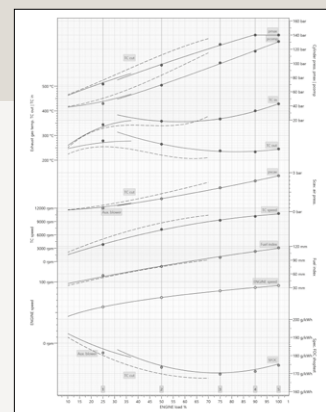
NEW BUILDING SUPPORT

Going optimally in service

There are critical steps in **manufacturing**, **tuning** and **testing** of a **marine diesel engine**. If the quality of the production is not optimal, it can cause troubles in operation, or lead to excessive fuel oil consumption.

In new building support we focus on the **most important** assembly-, alignment- and tuning **steps** for the engines. We ensure that the vessel's propulsion system is optimized according to contract.

- Important alignment works verified
- Best fuel oil consumption from day one
- Optimally tuned and adjusted engine at ship delivery



For further information: www.tekomar.com

NEW BUILDING SUPPORT

Our in-depth knowledge in the field of engine manufacturing, -assembly, -alignment and -tuning is the basis for this excellent service package. In order to keep the service costs low, only critical steps in the planning and production chain are supervised by Tekomar.

CONCEPT

Preferably, Tekomar is contracted in an early stage, and all technical contract details concerning engine(s) and ship are collected.

The requirements for an optimal preparation are the technical parts of the contracts for the engine(s) and the vessel speed vs. power contractual agreements (incl. calculations for wind, wave, etc.).

Our specialists are typically involved in:

- Specification in early project
- Bedplate levelling in the shop including crankshaft deflection
- Piston centring
- System oil flushing prior to start
- Running-in
- Engine tuning & T/C matching
- Confirmation- and shoptest
- Overhaul Inspection
- Shaft alignment on vessel
- Sea-trial of vessel

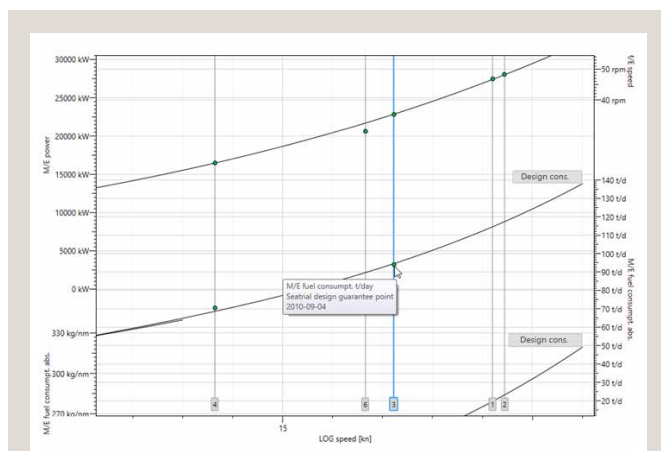


To ensure, that the plant is as optimized as contracted, all performance data gathered during the trials is recorded and analysed in Tekomar XPERT. This service is included in the scope.

Tekomar supports ship owners during the entire new building project and escalates issues if contract details are not met by the builders. You can count on us in negotiations with builders or designers to find solutions.

OFFERING

Tekomar offers a standard new building package, however the scope and level of involvement can be tailored to meet your demands.



Verification of consumption during sea-trial against design.