

Crankcase monitoring system

MAN PrimeServ

The crankcase monitoring system will monitor the most vital parts of your engine and warn you in due time if temperature levels are reaching critical limits. Immediate detection of any increase in temperature is an important contribution to damage prevention and crew safety.

The crankcase monitoring system is part of the engine safety concept. The general task of the system is to protect the engine against serious consequential damage, for example if a bearing failure occurs.

Each cylinder unit is fitted with splash oil monitoring. The splash oil is caught in an oil trap with a temperature sensor on the inside of the crankcase covers. In addition, main bearing temperature sensors are mounted on each main bearing. The temperature values are displayed on the crankcase monitoring panel and are interfaced to the engine safety system.

The crankcase monitoring panel can be installed in the engine room or in the engine control room (up to 80 meters from the multifunction control box).

Installing the crankcase monitoring system requires a MAN Energy Solutions superintendent with expert knowledge of the system.

If you have any maintenance planned in the near future, we recommend to order the crankcase monitoring system and have the superintendent install it while already being on board.



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Key benefits

- Order now, install when convenient
- The splash oil monitoring system measures the oil temperature for each cylinder unit.
- The main bearing temperature sensors measure the main bearing temperatures.
- Alarm and engine shutdown in the event that the oil temperature reaches a critical limit.
- The crankcase monitoring system minimizes the risk of serious consequential damage (e.g. on the crank shaft)

Scope of supply

- Crankcase monitoring panel
- Fitting of engine covers with a splash oil kit
- Temperature sensors for splash oil monitoring
- Temperature sensors for main bearing monitoring
- Cables and mounting parts
- Special tools

Applicability

- Applicable for engine types L23/30A, L28/32A, L21/31 & L27/38.



Retrofit & Upgrades

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More information

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

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