

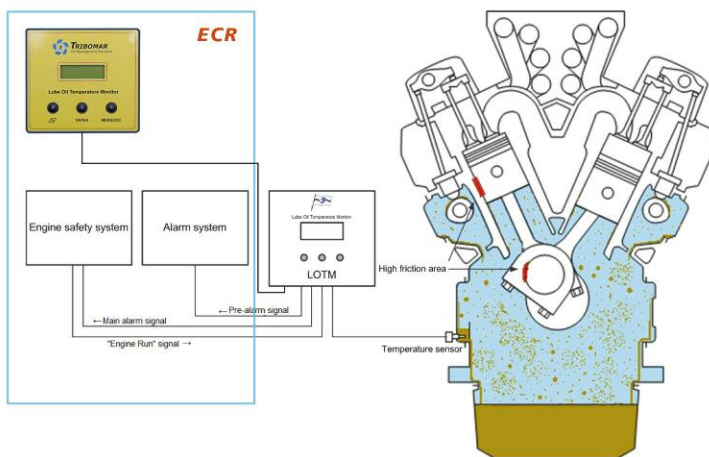
LOTM

Lube Oil Temperature Monitor

- Oil temperature monitoring in crankcases
- Protects your engine from severe damage
- Simple principle with high valuable output
- GL approval

The protection principle is based on the detection of above-normal lubricating oil temperature caused by increased friction of engine moving parts (for example bearings or piston rings). The advantage is obvious, you will have an earlier, more reliable detection of upcoming mechanical damage.

Order No.: 1095



Have you had an engine slow down false alarm due to oil mist? In older Engines no reliable alarm systems are installed. That is why we introduced the Lube Oil Temperature Monitor (LOTM). It is designed to protect the crankshaft as well as other sliding metallic surfaces on marine diesel engines using the early prediction of severe damage.

The circulating lube oil comes out from the rotating components and splashes on the crankcase inner walls and crankcase covers. On the crankcase covers there are special catch pockets with mounted

temperature sensors. The current temperature values are constantly measured and processed by a microcontroller.

The microcontroller of the LOTM calculates the mean temperature and compares each station temperature value with permissible deviation value and maximum permissible temperature. In case of an abnormal temperature deviation the LOTM switches on an alarm signal which is transmitted to the connected ship alarm system.