

# Bearing wear monitoring system

## Bearing wear monitoring system configuration

This system consists of bearing wear sensor, water content in LO sensor, relay unit and special display. Bearing wear sensor is set up to detect gap to lower side of crosshead sliding guide, and is arranged on both AFT/FORE side of crosshead at each cylinder. In case of detecting gap variation by each sensor, combination of sensors is distinguished which bearing is abnormal among main, crankpin and crosshead bearing. Water content in LO sensor is arranged at LO main engine inlet pipe and monitors the water activated value (aw) in LO. Special monitor is arranged in engine console and monitors each sensor data.

