



Continuous lubeoil monitoring

Surveillance system to monitor critical lubeoil parameters 24 hours per day

Lubeoil has a critical influence in the running of the engine. If it becomes contaminated or its condition deteriorates too far from its original specification, it may lead to engine damage or even catastrophic failure.

After many years of system development, the AULUMO sensor-based system is now available for shipboard application. It provides a reliable unmanned service of constant surveillance and consistent feedback over the lubeoil condition and engine operation.

The AULUMO system can be installed with in-line sensors, to monitor the following four physical parameters:

- Viscosity
- Water-in-oil
- Base Number
- Quality trend



The system utilises state-of-the-art intelligent sensors with a custom designed integrating software/hardware package, to deliver a continuous and accurate total solution to onboard operations. The system produces output signals that enable the user to integrate AULUMO into an existing control system, a Voyage Data Recorder (VDR) or a dedicated custom panel.

This unique system can be simply installed as a retrofit, or during newbuilding.

Other parameters, such as cylinder pressure, temperature etc can also be incorporated into the modular design.



Main benefits:

- Continuous and accurate monitoring of critical lubeoil parameters
- Modular design to ensure custom configuration
- Easy installation
- Flexible output enables integration
- Additional parameters can be incorporated

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