



# BOSS™ OQM

FOR A SAFE AND UNDISTURBED JOURNEY

BOSS™

# Oil Quality Monitoring (OQM)



**BOSS™ OQM is developed to continuously measure the oil condition of an hydraulic system. The oil measurements are performed by a sensor that is placed in the hydraulic system.**

The BOSS™ OQM measures and calculates the contamination, temperature and pressure of the hydraulic system(s). With the measured data of e.g. the steering system, the torque can be calculated and will be continuously visible on the display of the OQM. This application displays the status of the hydraulic oil and measures the steering pressure.

BOSS™ OQM allows to have insight into the past behaviour of the steering system and its oil condition. If, for example, the rudder forces of the vessel are suddenly disrupted, one can look into the past logged information

in order to determine when and why such an incident occurred.

### Service monitoring

If given permission by the customer, DMC's service engineers can directly connect to the BOSS™ OQM to perform condition inspections, direct failure analyses and maintenance. This ensures maximum performance and minimal downtime of the system and its components. Predictive and preventive maintenance.

### Advantages

- ▶ All data can be logged and accessed through the cloud

- ▶ Allows insight into the past and present behaviour of an hydraulic system
- ▶ All data can be accessed from a remote location on a smartphone or tablet
- ▶ Continuously measures and displays the real-time condition of the hydraulic oil

### Application

Suitable for all vessels with hydraulic systems.



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