

## Minimise future maintenance costs with vibration analysis on board the ship

**Vibration analysis is a low-cost and very effective contribution to condition-based maintenance of fuel and cargo systems.**

Svanehøj deepwell pumps are known for their stability, optimised performance, high reliability, and long service life.

However, the environment, machinery- and hull vibration on your ship can affect the wear and condition of the pumps.

### **Do you want to avoid expensive breakdowns on your pumps?**

Vibration analysis is an effective tool for predictive maintenance. All rotating machines vibrate during operation, and vibration is one of the earliest indicators of a machine's health. By measuring and analysing changes in the pump's vibrations, our technicians are able to determine if vital components should be serviced or replaced. To ensure you the highest possible operational reliability and safety.

The initial vibration analysis is performed during gas trial or commissioning. This analysis is used for future reference when our technicians perform another vibration analysis during the pre-docking inspection. By comparing the two analyses, our vibration specialists can determine the accurate condition and expected lifespan of vital components. In case of abnormal changes in the vibrations, components can be replaced while they are still in a sound condition. It pays off.

### **MOBIUS certified specialists handle all rotating equipment**

At Svanehøj, we have more than 30 years of experience in servicing and analysing rotating equipment. We know what it takes to ensure a long lifespan and the highest efficiency. Our vibration specialists are certified by the MOBIUS Institute, which is a leading provider of education within reliability improvement, condition monitoring, and precision maintenance.

In addition to pumps, we offer vibration analysis of compressors, electric motors, fans, and thrusters. Or in short: All rotating equipment onboard your ship.

### **Welcome on board**

Svanehøj is the leading service provider of inspections, service, and calibration of cargo-equipment on gas, product, and chemical carriers. Our unique combination of services will provide you with fast and pro-active troubleshooting, lower costs, and co-operation with one OEM representative supplier only.