

Alpha Lubrication Service

The maritime world is moving to greener and more cost-effective alternatives where possible, and we are helping the maritime world achieve this. We install retrofit products to assist shipowners reduce emissions and thereby operating costs.



The Alpha Lubrication system has been one of the cornerstones of our business.

We have retrofitted this system on more than 100 vessels.

This extensive experience has given us an intimate knowledge of the workings of the system and led us to develop on-site testing equipment to service the Alpha Lubrication system.

Our testing equipment allows us to pinpoint and rectify any deficiencies in the system, and lubricators specifically, in order to ensure optimal performance of the lubricators.

Experience has shown that after years of operation the settings are no longer optimal to the actual requirements. We can achieve optimisation through thorough testing and service.

The recommendation from maker is that the system undergoes a major overhaul every 32,000 running hours. A convenient time for the service is usually in connection with the dry-docking.

We provide you with a detailed report setting out the results of our tests along with recommendations for future safe operation of the system.

www.maritime-engine



Extended Lifespan

Due to the viscosity of cylinder oil, it is impossible to purify the oil sufficiently to keep the system completely clean.



Extended Lifespan

The system typically uses filters of 100 micron μ allowing a number of unwanted particles in the system.

The system therefore benefits from a thorough service to ensure optimal performance and extended lifespan.

Test of Lubricator Performance

Our testing equipment tests lubricator performance on site.

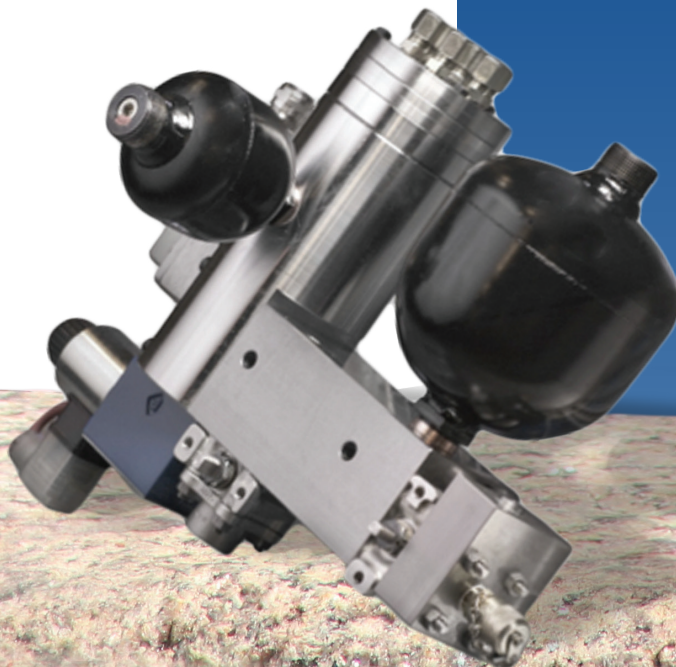
We carry out a performance test on each lubricator and every single lubrication point to achieve consistent lubrication and optimal performance.

The test will show how the oil is distributed into the ring pack.

Moving Parts

Poor performing lubricators cause increased wear on the piston crowns, piston rings and ovality of the liner.

A service achieves maximum running hours of the moving parts.



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