



### **Martime GmbH – Elsfleth**

- Utilising the expertise of Hans Jensen Lubricators A/S -

German shipping company, Martime GmbH, have 9 vessels in their fleet equipped with Hans Jensen Lubricators A/S' HJ SIP cylinder lubrication – 3 Mitsubishi UEC, and 6 MAN B&W engines.

Reductions in cylinder oil consumption have turned out to be significant as a result of the installations, and thus Martime representatives informed in June 2012:

*"The specific cylinder oil consumption of the MHI engines dropped from 1,4 g/kwh to about 1,0 g/kwh." and "With the MAN engines we have achieved minimum specific cylinder oil consumptions of about 0,6 g/kwh from former about 1,0 g/kwh – 1,2 g/kwh."*

One thing is these reductions in cylinder oil consumption of between 30 – 50%, but equally important is maintaining a fine cylinder condition. With HJ SIP cylinder lubrication, the smaller amount of cylinder oil used, is distributed in a uniform layer directly on the upper liner wall, and supplied with every piston stroke. This results in optimal utilisation of the oil.

Hans Jensen Lubricators A/S have the expertise in guiding in setting the correct feed rate for optimal use, and this is also something Martime GmbH have benefited from, in the wake of their installations:

*"It is advisable to use the HJL SIP evaluation report frequently in order to assess the engine cylinder condition permanently and to agree the feed rate between ships command, shipping company and HJL based on observation. Here is the experience of HJL engineers helpful in order to have the correct conclusions gathered from the evaluation spreadsheet and photos."*

This competent feed back from Hans Jensen Lubricators has proven valuable to Martime engineers, as they have acknowledged that *"there is still a tendency of chief engineers to over lubricate the cylinders [...]"*

The cooperation between Martime GmbH and Hans Jensen Lubricators has also been manifested in the actual installations, carried out during dockings. Martime GmbH experienced that, *"A HJL service engineer attended the installation of the SIP system itself which has been carried out with engine crew assistance. The engineers where familiarized with the system thereafter. A key factor is the initial dosage and a fixed plan to reduce the feed rate since the HJL SIP II system works in a very efficient way [...]"*



For their retrofits of HJ SIP cylinder lubrication, Martime GmbH have not only benefited from the economical savings in reduced cylinder oil consumption, but have also taken advantage of the expertise of Hans Jensen Lubricators' After Sales Service, to maintain an optimal feed rate and condition.