



Retrofit of HJ SIP II System on a MAN 5S50MC – short installation and a decrease in costs

In October 2005 the first retrofit of a HJ SIP II system was carried out on a vessel owned by German shipowner Chemikalien Seetransport GmbH.

Short Installation Time

-Supervised by HJ Service Engineer

The HJ SIP II retrofit was supervised by one of our service engineers. Furthermore a service technician from Chris Marine participated and carried out the entire machining of liners in situ. In this way, the installation time is one of the advantages of the HJ SIP II valve. Another advantage is the reduction of the overall costs, as the costs related to the pulling of liners are eliminated.

Decrease in Cylinder Oil Consumption

According to the shipowner's technical manager, Mr. K. U. Eggert, status onboard M.T. "Maersk Rouen" approx. three months after retrofit is a reduction in cylinder oil consumption by more than 100 litres per 24 hours. The company chose to reduce the lube oil consumption stepwise. In this connection, the crew onboard has made

Savings using HJ SIP

Engine: 5S50MC

Savings (example)

100L saved per day

x \$1.8 per liter cylinder oil (est.)

= \$180 saved per day

\$180 x 230 sailing days

= \$41.400 saved per year

frequent scavenging air port inspections. All observations show that cylinder liners and piston components are

in good condition, inform both Mr. Eggert and Mr. Müller, the superintendent of the vessel.

More vessels to be equipped with HJ SIP

Based on the good operating experiences with the HJ SIP II cylinder lubrication and the fact that the HJ SIP II system is easy to retrofit, Chemikalien Seetransport GmbH has chosen to implement the HJ SIP cylinder lubrication on several of their vessels. This in spite of the logistic problems which may occur in connection with this type of mounting on especially tankers.



HJ SIP Valves