



HJ Lubtronic SIP provides German Shipmanagement firm Ocean Shipmanagement GmbH with Low Cylinder Oil Consumption and Perfect Cylinder Condition at 12% ME Load

As the vessel M/V “Hugo Schulte” equipped with a MAN 7K90MC-C engine went into drydock during the summer it was decided to replace the existing standard electronic lubricator from engine designer with HJ Lubtronic SIP.

Savings obtained with new technology

Ocean Shipmanagement GmbH had experienced a high cylinder oil consumption with the standard system and was looking to find savings. With their new lubrication system they have achieved engine designer minimum recommended feed rate of 0.6 g/kWh when super-slowsteaming (12% ME load) in combination with an improved cylinder condition.

Mr. Jan Paninka, Fleet Manager, from Ocean Shipmanagement GmbH explains that: *“Before installing HJ Lubtronic SIP we had a monthly cylinder oil consumption of about 4,800 liters. After having retrofitted the system we are only consuming about 3,200 liters per month.”* This reduction is achieved at the same ME load (12%).

It is a significant reduction of 1,600 liters per month translating into monetary savings in the range of EUR 3,700 per month. Each year this can accumulate to a total in the range of EUR 45,000.

Improved cylinder condition

Mr. Paninka says: *“Feed rate is set at 0.6 g/kWh and the vessel is super-slowsteaming with an engine load of just 12%. I have recently been onboard the vessel and inspected the cylinder condition. To me the cylinder condition was looking perfect.”*

HJ Lubtronic SIP

The lubrication system from Hans Jensen Lubricators is based on patented technology where the cornerstones are a frequent injection of cylinder oil and an optimum distribution directly on the liner wall.

HJ Lubtronic is an electronically controlled lubricator which controls frequency of injection as well as the amount of cylinder oil per injection.

HJ SIP is the revolutionary valve which distributes the cylinder oil directly on the liner wall in the upper part of the cylinder before the piston passes. The scavenge air swirl further help the oil to be distributed in an optimum manner in the top where most wear takes place.

Ocean Shipmanagement GmbH

Being part of the Thomas Schulte Group, based in Hamburg, Germany, Ocean Shipmanagement GmbH provides management of a modern fleet within bulk and container shipping.

Before installation	After installation
ME load: 12%	
CLOC: 4,800 l/month	CLOC: 3,200 l/month
Difference:	1,600 l/month
Savings estimate:	<u>45,000 EUR per year</u>