



Tunnel thruster

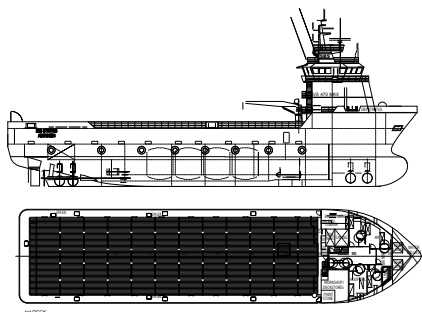
CUSTOMER



M/V SBS STRATUS SPECIFICATIONS  
VS 470 MKII PLATFORM SUPPLY VESSEL  
Contact: Andy Holt

SYSTEM

Two tunnel thruster fwd. rated:(MRC)2 x 800 BHP  
Two tunnel thruster, aft rated (MRC) 2 x 800 BHP  
Fully integrated joystick control system



CHALLENGE

They had no problem with operational reliability of their thrusters but they know that it is important with clean lubricants on the thruster lub system to avoid wear and degradation, of sealings and of the lub it self. Earlier they had experience with another “similar” 3 micron offline filter. They choosed to go for the Europafilter, 0.1 micron, offline system and they are very satisfied with the results.

SOLUTION

Europafilter, Kidneyloop oil filtration unit was assembled in a offline circuit, treating the lubricant continously while the tunnel thruster is in operation. This is done by cleaning the oil from the oil-reservoir with return to the oilreservoir. They have one system forward and one aft. on each of their ships. The offline filter are connected so they switch between S.B and P.S. thrusters

RESULT

Recently they docked two of their six ships and the thrusters were inspected. These ships (“SBS Nimbus & Stratus”) have been in operation since 2003 and they have not had any problems with water or particle contmination during the time of service. They know that this is not only quite but very unusual. At the yard the thrusters were assembled again with no comments or repair. Ready for service again.



Installation site

*The Thrusters has not been repaired since the offline filtration programme started off. This is unusual. SBS Marine are impressed of the Offline filters that keeps the lubricants in good condition. The oilanalysis shows continously good condition of the lubricants on the thrusters. There is no doubt that these filter have saved them of costly efforts.*

Contact:  
Andy Holt,  
Operations Manager  
SBS Marine

**Currently SBS Marine have installed Europafilters onboard their Platform Supply Vessels:**

- SBS Cirrus**
- SBS Stratus**
- SBS Nimbus**
- SBS Tempest**
- SBS Typhoon**
- SBS Torrent**

*Europafilter is setting new standards to lifetime optimization on machinery, world wide. We have solved several tasks that earlier was seen upon as impossible, extending the lifetime of lubricated machinery to extreme measures. In many cases the customers didn't even think of “extreme measures of clean lubricants”. Europafilter was in 2004 awarded with “The First Scandinavian Maintenance Award” for unique and new soulutions within lififetime optimization. Contact us to see what we can do for you and your company.*