

## Refurbishment of cavitated Thruster unit

<b>Application:</b>	Repair of Thruster unit
<b>Place:</b>	Farmsum, NL
<b>Date:</b>	September 2016
<b>Job and report done by:</b>	Marine Maintenance Services, NL
<b>Wencon products used:</b>	Ceramic Cream, Ceramic Coating, Cleaner, appl. tools



1.  
Shaft of the thruster is leaking with a lot of oil and after inspection it is clear that there is wear of the seal. Lead time of shaft is approx. 7 weeks.



2.  
By dismantling the Thruster unit, a lot of cavitation is discovered on the housing and shaft is completely destroyed, due to wear.



3.  
Thruster unit is taken into workshop for complete new shaft and repair of the Thruster housing with Wencon Ceramic products.



4.  
Thruster unit after 5 days of complete refurbishment, done during dry-docking of the vessel.

