


## Oily Water larger Pumps ATT Tanjung Bin

Application market	Industry	
Market segment	Oil & Gas	
Pumped medium	Oily Water	
Pump product	Immersible	
Country	Singapore	

### Challenge

Hidrostal pumps were proposed for pumping oily water accumulated in chambers of ship loading stations to the oil separator. The pumps were to be placed in multiple locations distributed around the chambers.

### Solution

Use of the Hidrostal Screw Centrifugal Immersible Pump with the outstanding characteristic that the two different liquids pumped here do not form an emulsion and is therefore uniquely suitable for feeding oil separators with oily water. A total of more than twenty (20) pumps of different types and sizes are used at the same location. In accordance with the customer's requirements, cantilever, vertically installed bearing frame pump with shaft extension suitable for submersible operation are used for smaller pumps.

### Benefits

The wishes and requirements of the customer could be fully met.

- The oily water does not form emulsions
- and further process within oil separator is not influenced negatively at all

Quantity of units sold	2
Pump type	H05K-MH3R with Immersible Motor
Motor data	45 kW / 4 pole / 50 Hz / 400 V / Ex-proof Immersible
Material combination	Cast iron pump body, stainless steel impeller and Hidrohard wear parts
Duty point	Flow : 104.0 litres per second / Head : 30 meters
In operation since	2012