

# Oil Rigs

Advanced Tank Cleaning System

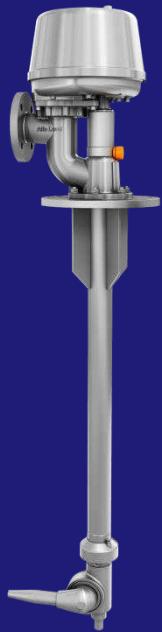
# Oil Rigs

- Almost all new oil rigs will today have automated tank cleaning systems installed for the pits and mud tanks.
- The systems consist of:
  - Tank cleaning machine
  - Eccentric screw pump
  - Cleaning pump
  - Hot water circulation pump
  - Chemical pump
  - Duplex strainer
  - Chemical tank
  - Heater
  - (Decanter)



# TCM for Oil Rigs

Main recommended products



i40 S



i40 D



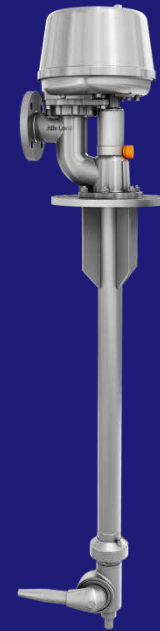
T-82  
Fixed



TZ-82  
Portable

# i40 S - Product Highlights

- Stainless Steel
- Grease Lubrication
- 5 - 38 M<sup>3</sup>/Hour
- 4 Pitch Programs, 1,5° - 30°
- Speed Adjustment
- Type approved by all major Classification Society



i40 S

# i40 D - Product Highlights

- Stainless Steel
- Grease Lubrication
- 8 - 36 M<sup>3</sup>/Hour
- Speed Adjustment
- Type approved by all major Classification Society



i40 D

# T-82 & TZ-82 - Product Highlights

- Portable or Fixed mounted
- Self-lubricated with the cleaning fluid.
- 7 - 24 M<sup>3</sup>/Hour
- Type approved by all major Classification Societies.



T-82  
&  
TZ 82

# Cleaning pump



Cleaning pump.  
(Pumping hot water to  
the TCM)

# Eccentric pump



Eccentric screw pump.  
(for discharging the mud-tank)

# Circulation pump    Chemical pump



Hot water circulation pump.  
(Circulating the water between the heater and the hot water tank)



Chemical pump.  
(Pumping chemicals/soap in the systems)



# Duplex strainer



Duplex strainer.  
(Taking out particals above 3-4mm)

# Chemical tank



Chemical tank.  
(200-500 L tank with chemicals/soap)

# Heater



Heater.

(Heating up the water from fresh water tank. Will also be used for heating up water in re-circulation)

# Starter Box



Starter Box

(Start/Stop of Pumps)

# Mud cleaner - Formula 07

In order to reduce the cleaning time, and thereby the amount of slop, a cleaning chemical was developed called: “Gunclean Toftejorg Mud cleaner 07”:

- water based
- non toxic
- solvent free
- fully biodegradeble degreasing
- category D. in the North Sea
- Fish test approval



# Cleaning Result

