

# CHEMICAL TANKERS

## 25.000 DWT

Design	ADMARIN
Type of Vessel	TYPE II OIL/CHEMICAL TANKER
Scantling	acc. to BV Rules
Deadweight	abt. 25.000 dwt at T:10.90 m.
Classification	BV I+HULL+MACH, Oil/Chemical Tanker, ESP, Unrestricted Navigation, AUT-UMS, Clean Ship, AVM-APS, Ice 1A, Mon Shaft, Inwater Survey, Cargo Control, VCS, USCG Compliance
Crusing Range	Nautical range abt.7000nm without cargo heating
Main Dimensions	
Lenght over all	abt. 169.90 m.
Lenght between perp.	abt. 159.06 m.
Breadth moulded	abt. 25.40 m.
Depth to main deck	abt. 14.90 m.
Design draught	abt. 10.90 m.
Main Engine	abt 7200kW 500RPM
Speed	abt. 14.0 kn at T:10.90m. at abt. 90 % MCR, %10 sea margin
Cargo Capacity	abt. 30000 m3 at %100 capacity 14 cargo tanks + 2 slop tanks on deck
Fuel Capacities	HFO Abt.900 m3 MDO Abt.200 m3

### Aux. Engine Plant

- 3 generators capacity about 975 kW each
- 1 shaft generator capacity about 1800 kW
- 2 starting air compressors
- 2 fuel oil seperators for HFO
- 1 fuel oil seperator for MDO
- 2 fuel oil pumps for HFO
- 1 fuel oil pump for MDO
- 1 fuel oil automatic filter
- 1 lub oil seperator
- 1 lub oil automatic filter
- 2 thermal oil boiler
- 1 thermal oil exhaust gas boiler
- 1 bilge water seperator
- 2 HT cooling water pumps
- 2 LT cooling water pumps
- 2 seawater cooling pumps
- 2 ballast water pumps
- 1 fresh water generator
- 1 sewage treatment plant
- 1 fire-fighting plant for engine room acc. rules
- 1 emergency fire-fighting pump
- 1 AC plant
- 1 sludge pump
- 1 CO2 fire fighting plant
- 1 Inert gas generator
- 1 Framo hydraulic system

### Deck's Machinery

- 1 hydraulic hose handling crane - 5 tons SWL / 18 m
- 2 hyd. Comb. anchor and mooring winches
- 2 hyd. Mooring winches aft
- 1 mooring winch in front of poop deck
- 1 mooring winch aft of the fore castle deck
- 1 comb. provision/rescue crane

### Deck's equipment

- 1 Free-fall type lifeboat
- 1 Rescue boat (MOB) for 6 persons
- 3 Life rafts for 26 persons.

### Special Plants

- Bow thruster, cp or fixed propeller, capacity about 750 kW fixed pitch
- Inert gas generator
- Framo system
- 2 signal masts, 2 radar masts
- Flap type rudder

### E-Plant

Power	440 V, 60 Hz
Lighting	220/440 V, 60 Hz
Emergency light	220/440 V, 60 Hz
Automation	24 V, DC

### Special Plant Inc. Nautical Equipment

- 1 signal flash light, 1 search light
- 1 GYRO-compass with autopilot
- 1 bearing compass on wheelhouse top
- 1 rudder indicator
- 2 sea ra dar units
- 1 echo sounder, 1 log
- 2 VHF marine radio stations
- 1 GHS-navigator
- 1 wireless telegraph
- 1 sound powered telephone
- 1 radio direction finder
- 1 EPIRP-sea buoy complete GMDSS-equipment

### Accommodation

22 crew, 1 owner, 1 pilot room, 2 spare cabins

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