

24.000 tdw

MT „APOLLO“



Ship Type: C/O-Tanker
Deadweight: 24,028 tons
Built: 2003
Coating: Epoxy
Ship Class: DNV
Length over all: 167.67 m
Breadth: 26.40 m
Draft: 9.19 m

1. Reiter General Information, Engines and Nautical Equipment:

Class Notation: DNV +100 A5 E2 Chemical tanker Type 2 Oil tanker ERS ESP IW MC E2 AUT Inert RP (1,16 %)
IMO: 2
IMO Number: 9234628
Double Hull: yes
Ice Class: E2/1B
Speed max: abt. 15.5 knots
Callsign: ZDFS2
GT: 16,914
Reduced GT : 13,403
NT : 6,847
Flag: UK, Gibraltar Register

Main Engine: Wärtsilä-6 RTA48T-B, 7,850 KW/127 rpm,
Take-me-home-system: PTO/PTI, 1,200 rpm/1,200kW

Controllable Pitch Propeller: Wärtsilä

Auxiliary Engines: 3 Wärtsilä 6L20C2 1,020KW/900 rpm
1 Shaft Generator 1,000 KVA
1 LINDENBERG / MAN emergency genset

Bowthruster: Wärtsilä bow thruster CT 175 H 800KW/1,785rpm

Nautical Equipment:

- Furuno Integrated Bridge System
- VSAT
- Consilium SVDR
- Sperry Marine Gyro

2. Reiter Tank Plan, Cargo Tanks, Pumps, Cargo Manifolds and Ballast Tanks:

Number of Cargo Tanks: 14 cargo tanks +2 slop tanks + 1 retention tank, with following max density:
1,2,3,6,7, slop + retention density 1.025 t/m³, tanks 4, 5 density 1.55 t/m³

Tank Coating: Epoxy Interline 904

Number & Capacity 14 FRAMO cargo pumps, type: SD150 each 350 m³/h, 110 mlc, s.g. 0.8 – 1.0 cSt

submerged cargo of Cargo Pumps: 3 FRAMO-slop/residual pumps, type: SD100 each 100 m³/h at 110 mlc, s.g. 0.8 – 1.0 cSt

Max Loading Rate: 2,500 m³/h

Max Discharge Rate: 2,800 m³/h

Max 78 degC / 66 degC

Loadable/Maintainable Temperature:

Inert Gas System Generator 3,750 m³/h

Bunker Tanks Capacity: abt. 1,000 cbm (all grades)

Cargo Capacities	Capacities of Cargo Tanks:	Volume (98 %) in m ³
	No. 1 P + S	4,130 m ³
	No. 2 P + S	3,506 m ³
	No. 3 P + S	5,177 m ³
	No. 4 P + S	4,546 m ³
	No. 5 P + S	2,812 m ³
	No. 6 P + S	5,841 m ³
	No. 7 P + S	2,787 m ³
	Sloptanks P + S	688 m ³
	Total (98%)	29,487 m³

