

15.000 tdw

MT „LEMONIA“



Ship Type: C/O-Tanker
Deadweight: 14,999 tons
Built: 2009
Coating: MarineLine
Ship Class: DNV
Length over all: 139.95 m
Breadth: 21.00 m
Draft: 8.10 m

1. Reiter General Information, Engines and Nautical Equipment:

Class Notation: DNV +100 A5 Chemical tanker Type 2 Oil tanker ERS ESP IW VEC MC AUT CM-PS EP-D
Inert RP(1, 11%)
IMO: 2
IMO Number: 9494216
Double Hull: yes
Ice Class: N/A
Speed max: Abt. 14.0 knots
Callsign: ZDJJ3
GT: 8652 tdw
Reduced GT : 6852
NT: 4670
Flag: UK, Gibraltar Register

Main Engine: 1 MAK 6M43C - 6000kw. Output setting 5400kW, 500 rpm.
Controllable Pitch
Propeller ZF Marine Type KH1070, 160 rpm

Auxiliary Engines: 3 Sets YANMAR, TYPE 6N21AL-UV, each 750 Kw, 440 V, 60 Hz at 900 rpm.
1 Shaft Generator 1400 kW at 1800 rpm
1 x Emergency Genset 100 kW

Bowthruster: Jastram BU 100, 750 Kw

Nautical Equipment:

- Furuno Integrated Bridge System incl. ECDIS
- Radio equipment according to GMDSS A3 with Satcom C
- VSAT

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

Number of Cargo Tanks: 12 cargo tanks + 1 slop tank

Tank Coating: MarineLine

Number & Capacity: 12 Framo cargo pumps, each pump capacity is 335m³/h, 120 mlc, sp.gr 0,8; 1,0cst
 submerged cargo of Cargo: 1 Framo slop pump 80m³/h, 110 mlc; sp.gr 0,8; 1,0 cst

Pumps:

Max Loading Rate: 2010 m³/h

Max Discharge Rate: 2010 m³/h

Max Loadable/Maintainable Temperature: 70/65 degC

Inert Gas Generator: 2500 m³/h

Nitrogen Generator: 825 m³/h

Bunker Tanks Capacity: 880 m² (all grades)

Cargo Capacities	Capacities of Cargo Tanks:	Volume (98 %) in m ³
	No. 1 P + S	1,149.58 / 1,145.50 m ³
	No. 2 P + S	1,081.64 / 1,085.30 m ³
	No. 3 P + S	986.55 / 996.69 m ³
	No. 4 P + S	1,573.01 / 1,579.22 m ³
	No. 5 P + S	1,690.22 / 1,689.69 m ³
	No. 6 P + S	1,382.25 / 1,380.94 m ³
	<u>Sloptanks P + S</u>	<u>377.55 m³</u>
	Total (98%)	16,118.14 m ³

