

10000 Mt Tanker Ship



Port of Registry:	Zhoushan, China
Ship No. / Ship Inspection Registration No:	
Gross Tonnage / Net Tonnage:	7496 / 4198
Class / Navigation Area:	CCS Class, A1 + A2
Type of Ship:	Tanker Ship
Structure:	Double bottom & double hull, Grade Ice B
Built Year:	09th Oct, 2010
Last Special Survey / Drydock:	08th Oct, 2022
Crew:	Max 18 P
LOA:	125.00 m
LBP / B / D:	116.15 x 19.00 M x 10.80 m
Full Loaded Waterline Length:	119.50 m
Light Draft / Full Load Draft:	5.300 m / 7.900 m
Light Displacement / Full Load Displacement:	3665.0 Mt / 14533.1 Mt
Deadweight:	10000 Mt
Main Engine:	Zhongce GN8320ZC14B, 2970KW@650rpm
Gearbox:	GWC70.76
Reduction rate	4.5:1
AUX Engine:	2 units of 8170ZCA, 441kw@1000rpm; 1 unit of R6160A-4, 184kw@1000rpm
Emergency Engine	TBD226B-6CD1, 120kw@1500rpm
Number of Cargo Hold	5
Quotation:	USD: 8.5 million

10000 Mt Tanker Ship

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2. ANCHOR

Anchor	Name		Unit No.	Weight (KG)
	STB	Anchor	1 unit	3795.00
	PS	Anchor	1 unit	3804.00
Anchor Machine	Name		Model No.	Power (kw)
	STB	Windlass	YMB2-54	45.00
	PS	Windlass	YMB2-54	45.00
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Anchor Chain	Name	Diameter (mm)	Length (m)	Grade / Material
	STB Anchor Chain	54.00	247.50	AM2 (M20Mn)
	PS Anchor Chain	54.00	275.50	AM2 (M20Mn)

3. RUDDER

Number of Rudder: Hydraulic; (emergency power by emergency generator)

Rudder	Name	Type	Rudder Area (m ²)	Rudderstock OD (mm)	Rudderstock Material
	Main Rudder	Semi-mounted	16.80	255.00	20Mn
Operation Device	Name	Type	Torque (Kn.m)	Manufacturer	
	Main Rudder Machine	YD300-250	250	Ningbo Huadong Shipping Equipment Co., Ltd	

4. FIRE EXTINGUISHING EQUIPMENT

Water Fire Extinguishing System	Fire pump Type	Model	Displacement (m ³ /h)	Pressure (MPa)	Qty	Installation Position
	Emergency Fire pump	GIHZ80-250	50.00	0.80	1	FS No.162 - 163
	Main Fire pump 1	100CBZ-65	90.00	0.75	1	FS No.27 - 31
	Main Fire pump 2	100CBZ-65	90.00	0.75	1	FS No.27 - 31

Fire Hydrant: 19 units; Fire gun: 19 units; International Shore Connection: 2 units.

Other Fixed Fire Extinguishing System	Type	Amount of extinguishing agent required(kg)		Drive	Max. Protective Areas
	Fixed CO2	2180.0m ³ / 1573.1kg		Ammonia	Engine room, Cargo hold
	CO2	17.740 / 0.068		Manual	Main deck
Fire Alarm System	Name	Anti-explosion smoke&heat	Fire Alarm	Fire Detective	Fire Detective
	Type	JTWB-ZCD-G1(A); JTYB-LZ-115IEIS	Press Button/J-SAP-8401	Smoke Detection/JTY-GD-G3	Heat Detection /JTW-ZCD-G3N

10000 Mt Tanker Ship

	Installation Area		Accommodation, Bridge, Engine room	Accommodation, Bridge, Engine room	Galley
	Qty	4	41	48	1

Fire Control Plan Display areas: Main Deck; Lifesaving deck portside and starboard side.

Fire Extinguisher	Type	135L Foam	45L Foam	5kgs portable Dry powder Extinguisher	9L Foam	
	Qty	1	1	24	13	
	Install Area	Engine Room	Engine	Accommodation, Engine Room, Main deck	Engine room, Main deck	
Portable Foam Gun	Fireman Suit	Emergency Escape Breathing apparatus		Bucket	Ax	Sand Bucket
1	3 sets	10 sets		6	4 pcs	4

5. LIFE – SAVING EQUIPMENT

Life Suits		18 Crews				
Life Jackets		24 sets				
Rescue Boat	Name	Capacity	Qty	Type	Type of Boat launching device	Rated Workload (kN)
	Port Lifeboat	23	1	Engine	Gravity	20.60
	STB Lifeboat	23	1	Engine	Gravity	20.60
Life Raft	Model	HAF-ASR20			QJF-B10	
	Capacity	20			6	
	Qty	1			1	
Life Buoy	Type	Normal		Light & Smoke Signal	With light	
	Qty	5		3	3	
Line Throwing unit		Type		Portable rope thrower		
		Qty		4		

6. NAVIGATION EQUIPMENT

Name	AIS	ECDIS	GPS	Magnet Compass	Radar	Rudder Indicator	Echo Sounder	GYRO
Model	SI-70A	AWE NA	GN150(7")	CGT-165	FAR-2117	OD2	DS1068-1	Anschutz
Qty	1	1	1	1	1	1	1	1

7. SIGNAL EQUIPMENT

Name	INT Signal Flag	Horn	Signal Ball	Bell	All round light	Flash Light	Anchorage Light	Lost Control Light	Mast Light	Stern Light	Portable day Communication	Side Light	Flag
Qty	1 set	1	3	1	12	3	2	2	2	1	1	2	4

10000 Mt Tanker Ship

8. RADIO EQUIPMENT (Area A1+A2)

Name	HF/MF	VHF	Lift Raft Two Way VHF	Navtex Receiver	EMG Indicator	Position	Radar Search and Rescue Transponder
Type	SRG-1150 DN	STR-6000 A	CY-VH01	SNX-300	VEP8		TBR-600A
Qty	1	2	3	1	1		2

9. PROPULSION EQUIPMENT

Main Engine	Model	Type	Engine No	Rated Power (kW)	Rated Speed (r/min)	Factory
	GN8320ZC14 B	Diesel Engine	178	2970.00	650	Ningbo Zhongce

GEARBOX, SHAFT and PROPELLER

Gearbox	Model	GWC70.78	
	Rated transfer Power	4.75077(kw/r/min)	
	Reduction rate	4.5:1	
	QTY	1	
Propeller Shaft	Name	Propeller Shaft	Intermediate Shaft
	Dia. (mm)	350	310
	Material	35# 520N/mm2	35# 520N/mm2
	Qty	1	1
Propeller		1 set	
	Type	Fixed	
	Material	CU3	
	Dia. (mm)	4250.00	

10. BOILER

Model	ZYS0.5/90-0.7
Use	Fuel oil Heating & Accommodation
Design pressure (MPa)	0.80
Work pressure (MPa)	0.70
Evaporation (kg/h)	1.4.00
Heating area (m2)	99.70
Type of heating	Exhaust gas / Fuel Oil
Manufacturer	Qingdao Shipping Boiler Co., Ltd

11. AIR RESERVIOR

Capacity (m3)	0.32	0.08
Qty	2	2
Purpose	For M.E Starting up	Working
Design pressure (MPa)	3.23	3.30
Working pressure (MPa)	2.94	3.00
Manufacturer	Jingjiang Shipping Co., Ltd	Shandong Gaomi Co., Ltd

10000 Mt Tanker Ship

12. ELECTRICAL EQUIPMENT

Name		Generator 1&2	Generator 3	EMG Generator
Generator model		TFXW-400M6-H	TFXW-315L6-H	MP-H-90-4
Qty		2	1	1
Capacity (kW)		350.00	150.00	90.00
Rated Power (r/min)		1000	1000	1500
Current Type		AC631.00A	AC271.00A	AC162.37A
Voltage Capacity (V)		400.00	400.00	400.00
Prime Motor Type		8170ZCA	R6160A-4	TBD226B-6CD1
Qty		1	1	1
Rated Power (kW)		441.00	184.00	120.00
Rated Power (r/min)		1000	1000	1500
Battery	Capacity(Ah)	390		195
	Purpose	Emergency Power		Emergency Radio power
Main Power distribution board			6	
Emergency Power distribution board			2	



TANKMAR SHIPPING CO LTD