

51,371 mt MR Oil/Chemical Tanker

Grace Lucrum



Ship Basic Information

Builders	Shina Shipbuilding Co., Ltd., Korea
Type	Oil/Chemical Tanker
Flag	Liberia
Port of registry	Monrovia
Classification	I ✕ HULL ✕ MACH Oil tanker Chemical tanker, ESP, Unrestricted navigation ✕ AUT-UMS, ✕AUT-PORT, MON-SHAFT, ICE CLASS IB, INWATERSURVEY, SPM, VCS - TRANSFER, COVENT, CARGOCONTROL

Vessel Specific Information

	IMO No.	Delivery	Summer DWT (mt)	Lightweight (mt)
Grace Lucrum	9301902	Jun-06	51,371.00	10,260.00

Dimension and Main Data

Length o. a.	183.00 M
Length b.p.	174.00 M
Breadth moulded	32.20 M
Depth moulded	19.10 M
Distance keel - top antenna	49.18 M
GT	29,683
NT	13,757

Tank Capacity

IFO 380 / VLSFO	1,180.1 CBM (100%)
LSMGO	663.4 CBM (100%)
Fresh water	363.8 CBM
Water ballast	23,027.1 CBM

Cargo Capacity

Tank	Volume 100% (PS)	Volume 100% (SS)	Volume 98% (PS)	Volume 98% (SS)
NO 1 C.O.T	3,065.6 CBM	3,069.6 CBM	3,004.3 CBM	3,008.2 CBM
NO 2 C.O.T	4,536.2 CBM	4,536.2 CBM	4,445.5 CBM	4,445.5 CBM
NO 3 C.O.T	4,788.9 CBM	4,788.9 CBM	4,693.1 CBM	4,693.1 CBM
NO 4 C.O.T	4,788.9 CBM	4,788.9 CBM	4,693.1 CBM	4,693.1 CBM
NO 5 C.O.T	4,788.9 CBM	4,788.9 CBM	4,693.1 CBM	4,693.1 CBM
NO 6 C.O.T	4,496.3 CBM	4,491.1 CBM	4,406.4 CBM	4,401.3 CBM
SLOP	1,221.2 CBM	1,222.0 CBM	1,196.8 CBM	1,197.6 CBM
RESIDUE TANK	68.5 CBM		67.1 CBM	
Total	55,440.1 CBM		54,331.3 CBM	

Cargo Tanks Characteristics

Coating	Epoxy
Segregation	7 grades with double valve segregation
Heating	Stainless steel heating coils in 1-6 C.O.T. (P&S), Slop (P&S)

Cargo Pumps

Pumps	Cargo Pumps	Slop Pumps	Portable Cargo Pump
Number	12	2	1
Nominal capacity	600 CBM/HR	300 CBM/HR	150 CBM/HR
Driven by	Hydraulic	Hydraulic	Hydraulic
Max. loading rate per manifold connection	1,200.0 CBM/HR		
Max. loading rate through all manifolds	3,600.0 CBM/HR		

Fuel consumption per day at full speed

At sea (ballast)	14.0 kts about 29.0 mt (Eco Speed 13.0 kts about 27.0 mt)
At sea (laden)	13.5 kts about 29.5 mt (Eco Speed 12.5 kts about 26.0 mt)
In port, loading	about 7.0 mt VLSFO, about 5.0 mt MGO
In port discharging	about 12.0 mt VLSFO, about 8.0 MGO
Tanks washing	about 14.0 mt VLSFO