

## 49,997 mt MR Oil/Chemical Tanker

### Grace Ferrum



#### Ship Basic Information

Builders	STX Offshore & Shipbuilding Co. Ltd., Korea
Type	Oil/Chemical Tanker
Flag	Liberia
Port of registry	Monrovia
Classification	✠ A1 Chemical Carrier, Oil Carrier, ESP, Ⓔ, ✠ AMC, ✠ ACCU, CPS, CSR, AB-CM, BWE, BWT, CRC, GP, RRDA, RW, SPMA, TCM, UWILD, VEC

#### Vessel Specific Information

	IMO No.	Delivery	Summer DWT (mt)	Lightweight (mt)
Grace Ferrum	9667928	Apr-13	49,997.00	10,844.60

#### Dimension and Main Data

Length o. a.	183.00 m
Length b.p.	173.90 m
Breadth moulded	32.20 m
Depth moulded	19.10 m
Distance keel - top antenna	48.613 m
GT	29,940
NT	13,496

#### Tank Capacity

IFO 380 / VLSFO	1033.5 CBM (100%)
LSMGO	379.2 CBM (100%)
Fresh water	320.1 CBM
Water ballast	22,465.3 CBM

#### Cargo Capacity

Tank	Volume 100% (PS)	Volume 100% (SS)	Volume 98% (PS)	Volume 98% (SS)
NO 1 C.O.T	3,198.6 CBM	3,197.5 CBM	3,134.6 CBM	3,133.5 CBM
NO 2 C.O.T	4,732.2 CBM	4,721.7 CBM	4,637.6 CBM	4,627.3 CBM
NO 3 C.O.T	4,827.0 CBM	4,817.5 CBM	4,730.5 CBM	4,721.2 CBM
NO 4 C.O.T	4,816.4 CBM	4,822.0 CBM	4,720.0 CBM	4,725.6 CBM
NO 5 C.O.T	4,824.6 CBM	4,817.8 CBM	4,728.1 CBM	4,721.4 CBM
NO 6 C.O.T	4,246.1 CBM	4,249.8 CBM	4,161.2 CBM	4,164.8 CBM
SLOP	713.8 CBM	723.1 CBM	699.5 CBM	708.6 CBM
Total	54,708.1 CBM		53,613.9 CBM	

#### Cargo Tanks Characteristics

Coating	Epoxy
Segregation	6 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 Pumps
Number	12	2	1
Nominal capacity	600 CBM/HR	300 CBM/HR	150 CBM/HR
Driven by	Electric	Electric	Hydraulic
Max. loading rate per manifold connection	1,400.0 CBM/HR		
Max. loading rate through all manifolds	5,600.0 CBM/HR		

#### Fuel consumption per day at full speed

At sea (ballast)	14.5 kts about 26.2 mt (Eco Speed 12.0 kts about 15.0 mt)
At sea (laden)	14.0 kts about 30.3 mt (Eco Speed 12.0 kts about 20.7 mt)
In port, loading	about 5.9 mt
In port discharging	about 11.8 mt
Tanks washing	about 12.5 mt