

37,554 mt MR Oil/Chemical Tanker

Grace Felix



Ship Basic Information

Builders	Mipo Dockyard Co., Ltd., Korea
Type	Oil/Chemical Tanker
Flag	Liberia
Port of registry	Monrovia
Classification	I <input checked="" type="checkbox"/> HULL <input checked="" type="checkbox"/> MACH Oil tanker Chemical tanker (IMO Type 3) ESP Unrestricted navigation <input checked="" type="checkbox"/> AUT-UMS , INWATERSURVEY , VCS

Vessel Specific Information

	IMO No.	Delivery	Summer DWT (mt)	Lightweight (mt)
Grace Felix	9391402	Nov-08	37,554.00	8,116.00

Dimension and Main Data

Length o. a.	184.32 m
Length b.p.	176.00 m
Breadth moulded	27.40 m
Depth moulded	17.20 m
Distance keel - top antenna	46.34 m
GT	23,403
NT	9,640

Tank Capacity

IFO 380 / VLSFO	788.4 CBM (100%)
LSMGO	537.3 CBM (100%)
Fresh water	248.2 CBM
Water ballast	18,061.6 CBM

Cargo Capacity

Tank	Volume 100% (PS)	Volume 100% (SS)	Volume 98% (PS)	Volume 98% (SS)
NO 1 C.O.T	2,586.0 CBM	2,586.0 CBM	2,534.3 CBM	2,534.3 CBM
NO 2 C.O.T	3,646.3 CBM	3,646.3 CBM	3,573.3 CBM	3,573.3 CBM
NO 3 C.O.T	3,714.7 CBM	3,714.7 CBM	3,640.4 CBM	3,640.4 CBM
NO 4 C.O.T	3,714.7 CBM	3,714.7 CBM	3,640.4 CBM	3,640.4 CBM
NO 5 C.O.T	3,714.7 CBM	3,714.7 CBM	3,640.4 CBM	3,640.4 CBM
NO 6 C.O.T	3,442.4 CBM	3,442.4 CBM	3,373.6 CBM	3,373.6 CBM
SLOP	537.7 CBM	537.7 CBM	527.0 CBM	527.0 CBM
Total	42,713.1 CBM		41,858.8 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	10/2	2	1
Nominal capacity	500/300 CBM/HR	200 CBM/HR	100 CBM/HR
Driven by	Hydraulic	Hydraulic	Hydraulic
Max. loading rate per manifold connection	3,000.0 CBM/HR		
Max. loading rate through all manifolds	6,000.0 CBM/HR		

Fuel consumption per day at full speed

At sea (ballast)	15.0 kts about 25.2 mt (Eco Speed 12.0 kts about 19.2 mt)
At sea (laden)	14.0 kts about 28.6 mt (Eco Speed 12.0 kts about 20.7 mt)
In port, loading	about 6.2 mt
In port discharging	about 7.0 mt VLSFO, about 5.0 MGO
Tanks washing	about 6.4 mt