

50,667 mt MR Oil/Chemical Tanker

Grace Adalberht



Ship Basic Information

| | |
|------------------|---|
| Builders | SPP Shipbuilding Co., Ltd., Korea |
| Type | Oil/Chemical Tanker |
| Flag | Liberia |
| Port of registry | Monrovia |
| Classification | ✕100A1 Double Hull Oil and Chemical Tanker, Ship Type 3, ESP, *IWS, LI ✕LMC, UMS |

Vessel Specific Information

| | | | | |
|-----------------|---------|----------|-----------------|------------------|
| | IMO No. | Delivery | Summer DWT (mt) | Lightweight (mt) |
| Grace Adalberht | 9396763 | Feb-09 | 50,667.10 | 9,955.50 |

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 | 47.00 M |
| GT | 30,074 |
| NT | 13,312 |

Tank Capacity

| | |
|-----------------|--------------------|
| IFO 380 / VLSFO | 1,325.2 CBM (100%) |
| LSMGO | 469.9 CBM (100%) |
| Fresh water | 398.7 CBM |
| Water ballast | 24,250.3 CBM |

Cargo Capacity

| Tank | Volume 100% (PS) | Volume 100% (SS) | Volume 98% (PS) | Volume 98% (SS) |
|------------|------------------|------------------|-----------------|-----------------|
| NO 1 C.O.T | 3,133.9 CBM | 3,134.5 CBM | 3,071.3 CBM | 3,071.8 CBM |
| NO 2 C.O.T | 4,715.2 CBM | 4,707.8 CBM | 4,620.9 CBM | 4,613.7 CBM |
| NO 3 C.O.T | 4,807.4 CBM | 4,799.4 CBM | 4,711.3 CBM | 4,703.4 CBM |
| NO 4 C.O.T | 4,806.5 CBM | 4,794.4 CBM | 4,710.4 CBM | 4,698.5 CBM |
| NO 5 C.O.T | 4,804.5 CBM | 4,796.3 CBM | 4,708.4 CBM | 4,700.3 CBM |
| NO 6 C.O.T | 4,352.6 CBM | 4,334.0 CBM | 4,265.5 CBM | 4,247.3 CBM |
| SLOP | 718.9 CBM | 710.1 CBM | 704.5 CBM | 695.9 CBM |
| Total | 54,615.5 CBM | | 53,523.2 CBM | |

Cargo Tanks Characteristics

| | |
|-------------|---|
| Coating | Epoxy |
| Segregation | 6 grades with double valve segregation / 7 grades with blank flahge isolation |
| 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 | 1,938.0 CBM/HR | | |
| Max. loading rate through all manifolds | 4,500.0 CBM/HR | | |

Fuel consumption per day at full speed

| | |
|---------------------|---|
| At sea (ballast) | 13.0 kts about 30.0 mt (Eco Speed 12.0 kts about 27.5 mt) |
| At sea (laden) | 13.0 kts about 27.0 mt (Eco Speed 12.0 kts about 24.0 mt) |
| In port, loading | about 8.0 mt HFO |
| In port discharging | about 8.0 mt HFO, about 9.0 mt MGO |
| Tanks washing | about 12.0 mt HFO |