20 000 DWT
OIL PRODUCT & CHEMICAL TANKER

The vessel is designed as single screw, oil product chemical tanker for unrestricted navigation and service, being capable to carry a large range of liquid IMO II type cargoes (acc. to IBC Code) and oil products and withstands cargoes with specific gravity up to 1.54 t/m³ at 66 °C. Ballast pipe tunnel is arranged at centre of ballast tanks. The hull form is designed for minimum resistance and overall design provides an environmentally friendly, cost-effective, reliable and flexible unit. One deep-well pump and complete segregation for each cargo tank and one vapour return line are provided.

BENEFITS

- Low fuel consumption
- Compliance with environmental requirements
- Low operating cost
- Low initial investment cost
- Ability to carry various types of cargo
- Ability to sail in iced sea areas
**SCOPE OF SERVICES**

- Conceptual Design
- Contract Design
- Production Engineering
- Post Production Services
- DeltaLoad Ship Loading Software
- Advanced Engineering Analyses
- Project & Document Management
- Supervision Services
- Procurement Consultancy
- Feasibility Analyses

**REFERENCES**

- LETIZIA EFFE
- MALMO
- MADEIRO
- ECE NUR K
- GUNES K
- ICDAS-09
- ICDAS-11
- SOLANDO
- SOLERO
- TBN (YARDIMCI NB60)

---

**20 000 DWT OILPRODUCT & CHEMICAL TANKER**

**SPECS**

**Capacities**

- Cargo: 22,150 m³
- Water Ballast: 8,250 m³
- HFO: 900 m³
- MDO: 180 m³
- Fresh Water: 140 m³

**Speed Consumption/Range**

- Design speed: 14.0 knots
- Consumption: 20.8 t/day
- Cruising range: 12,500 nm

**Main Dimensions**

- LOA: 149.95 m
- LBP: 142.80 m
- B (molded): 23.20 m
- D (molded): 13.05 m
- Draught (design): 9.20 m
- Draught (scantling): 9.95 m

**Tonnage**

- DWT (at design): 17,800 t
- DWT (at scantling): 20,000 t
- GRT: 13,000
- NT: 6,350

**Main Components**

- Main Engine: 1 x 5,920 kW
- Propeller: 1 x 4,250 mm dia CPP
- Diesel Generator: 3 x 750 kW
- Em’cy Diesel Generator: 1 x 165 kW

**Complement**

The accommodation area is arranged for eighteen (18) personnel. Eleven (11) single berth cabins, six (6) double berth and two (2) suits with separate bedrooms are provided.

Lifesaving equipment is arranged for nineteen (19) people.