



2600 DWT

OIL PRODUCT & CHEMICAL TANKER

The vessel is designed as ice-strengthened, single decked, twin-screw motor ship with double bottom and double sides for unrestricted navigation and service. She is capable to carry a large range of liquid IMO II/III chemical cargoes, petrochemical solvents, clean/dirty products, lube oil mineral/vegetable oils in epoxy painted cargo and slop tanks, up to 1.54 t/m³ specific gravity. Hull structure is analysed by FEM tools for safety and weight optimization.

The hull form, optimized with CFD analysis, is designed for minimum resistance and fuel consumption. Overall design provides an environment-friendly, cost-effective, reliable and flexible unit.

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
- Easy maintenance and overhauling
- Enhanced visibility with special wheelhouse design



CONTAINER



BULK CARRIER



GENERAL CARGO



MULTIPURPOSE



TANKER



PASSENGER



INDUSTRIAL



UTILITY



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SPECS



Capacities

| | |
|---------------|----------------------|
| Cargo | 2 640 m ³ |
| Water Ballast | 1 065 m ³ |
| DO | 110 m ³ |
| Fresh Water | 45 m ³ |



Speed Consumption/Range

| | |
|----------------|------------|
| Design speed | 12.5 knots |
| Consumption | 5.3 t/day |
| Cruising range | 4 750 nm |



Machinery Main Components

| | |
|------------------------|------------------|
| Main Engine | 2 x 577 kW |
| Propeller | 2 x 2 100 mm FPP |
| Diesel Generator | 3 x 270 kW |
| Em'cy Diesel Generator | 1 x 99 kW |



Complement

The accommodation area is arranged for eleven (11) crews. Nine (9) single berth cabins, two(2) suits with separate bedrooms are provided.

Lifesaving equipment is arranged for twelve (12) people.



Main Dimensions

| | |
|---------------------|---------|
| L _{OA} | 72.62 m |
| L _{BP} | 66.67 m |
| B (molded) | 13.40 m |
| D (molded) | 6.40 m |
| Draught (design) | 4.80 m |
| Draught (scantling) | 5.20 m |



Tonnage

| | |
|--------------------|---------|
| DWT (at design) | 2 000 t |
| DWT (at scantling) | 2 675 t |
| GRT (app) | 1 760 |
| NT (app) | 700 |

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

- ELBA
- GAZPROMNEFT NORD-WEST