**AFRAMAX TANKER FOR OIL AND PRODUCTS**

- Tanker for Crude Oil and Dark Petroleum Products
- Single decked, single screw motor ship with machinery
- Double bottom and double skin in way of cargo tank region
- Design flexibility: available in Basic (HFO), Environmental (HFO + Scrubber + SCR) and Dual Fuel (LNG) versions
- Superior hull lines, CFD optimized and proven by extensive model testing
- Meeting EEDI of 2025 requirements
- Optimized Net tonnage/Gross tonnage ratio (0.60)

- Twelve (12) epoxy coated cargo tanks (+2 slop tanks) by means of transverse bulkheads and CL longitudinal bulkhead
- Steam driven cargo handling system with high loading- / discharging capacities
- Clean design- Fuel tanks in engine room arranged with cofferdams against outer shell
- Space-optimized accommodation arrangement
- Unrestricted ocean services and terminals compatible with vessel’s dimensions
- Optional ice class
**MAIN DIMENSIONS**

- Length over all, approx. 252.80 m
- Length between PP, approx. 244.20 m
- Breadth moulded, approx. 44.00 m
- Depth moulded, approx. 20.80 m
- Design draught, approx. 13.60 m
- Scantling draught, approx. 15.00 m
- Gross tonnage, approx. 59,500 GT
- Deadweight, @ design draft, approx. 98,200 dwt
- Deadweight, @ scantl. draft, approx. 111,000 dwt

**SPEED**

- Service speed @ design draft, 14.5 knots
- (Sea margin 15%, 90% MCR)
- Cruising range, service speed, 27.800 nm

**CAPACITIES**

- Cargo tanks 100% fill, approx. 125,600 m³
- Slop tanks 100% fill, approx. 2380 m³
- Ballast water tanks, approx. 36,800 m³
- HFO, storage, serv., approx. 2900 m³
- MDO, approx. 460 m³
- Lub. Oil, approx. 100 m³
- Fresh water tanks, approx. 150 m³
- Technical fresh water tanks, approx. 600 m³
- Urea, approx. 120 m³
- Caustic soda, approx. 190 m³

**MACHINERY**

- Main engine (Wärtsilä 6X62), approx. 10,400 kW
- Generator sets, approx. 3 x 875 kW
- Emerg. / harbour generator, approx. 1 x 200 kW
- Oil fired steam boilers, approx. 2 x 35 l/hr
- Propeller, approx. 1 x FPP, Ø 8,000 m

**DECK EQUIPMENT**

- One (1) Free-fall motor lifesaving boat for 40 persons (aft)
- Four (4) inflatable rafts for each 20 persons
- One (1) inflatable raft for 6 persons
- One (1) rescue boat

**SHIP EQUIPMENT**

- One balanced semi spade rudder
- One el.-hydraulic steering gear

**ESDs**

- EnergoProFin
- Mewis Duct (or equivalent)

**DECK’S MACHINERY**

- Two (2) separate combined windlass / mooring winches, forecastle deck fwd
- Two (2) mooring winches, upper deck fwd
- Two (2) mooring winches, poop deck forward of accommodation block
- Two (2) mooring winches, poop deck aft

**CARGO EQUIPMENT**

- Segregation, approx. 12 (2 x 6) cargo tanks
- Cargo pumps (centrifugal), approx. 3 x 3,000 m³/hr
- Stripping system, approx. 1 x 300 m³/hr
- Discharge rate (3 simul.), approx. 9,000 m³/h
- Washing, approx. 3 fixed machines per tank
- Heating, approx. Steam

**E-PLANT**

- Power, approx. 3 AC, 440 V, 60 Hz

**ACCOMMODATION**

- 32 persons fully air-conditioned

**CLASSIFICATION**

- DNV & 1A1 Tanker for Oil ESP PLUS-1, NAUTICUS (Newbuilding), TMON, EO, NAUT-AW, COAT-1, OPP-F, CCO, F-AMC, VCS-2 CLEAN or equivalent IACS

**ENVIRONMENTAL**

- Sewage and garbage handling fully compliant with MARPOL
- B.W. Treatment Plant compliant with MARPOL V
- With SCR (NOx) and Scrubber (SOx)

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