TANKER FOR OIL PRODUCTS AND CHEMICALS
IMO II & III TYPE

- Based on successful design of 60+ built vessels
- CFD-optimised hullform
- High-efficient rudder with twisted leading edge
- Single screw propulsion with low speed main engine with HP SCR
- Propeller shaft clutch with PTO/PTI as “take me home” device and booster
- High propulsive efficiency
- Twelve (12) cargo tanks (+2 slop tanks) by means of transverse bulkheads and CL longitudinal bulkhead
- Energy-efficient cargo handling system
- Available in LNG (Dual-Fuel version)
- Ice class 1A (Finnish-Swedish)

MAIN DATA
Length over all 145.00 m
Deadweight, max. 16,500 dwt
Cargo capacity abt. 19,500 m³
Service speed 13.5 knots
2-stroke main engine 5,100 kW
Operation range “Worldwide”
Segregation 12 cargo tanks
Fuel oil consumption
Serv speed, design draft 12.3 t/day

DISCLAIMER:
The information contained in this leaflet is believed to be correct but it is not guaranteed and will not form part of any contract or agreement, nor may it be relied on in any court or arbitration proceedings.
MAIN DIMENSIONS
Length over all, approx. .......... 145.00 m
Length between PP .................. 134.70 m
Breadth moulded .................... 23.00 m
Depth moulded, approx. ........... 12.40 m
Design draught ...................... 8.40 m
Scantling draught .................... 8.00 m
Deadweight, des. draught .......... 14,800 dwt
Deadweight, scantl. draught ...... 16,500 dwt

SPEED
Service speed, design draught ........ 13.5 knots
(@74%MCR, 15%Sea Margin, 450 kW SG)
Trial speed, design draft .......... 15.9 knots
(@100%MCR, no SG)

CAPACITIES
Cargo tanks 100% (excl. slop). ...... 19,500 m³
Slop tanks, approx. .................. 450 m³
Ballast water tanks, abt. .......... 7,700 m³
HFO, approx. ........................ 570 m³
MDO, approx. ........................ 100 m³
Lub. Oil, approx. .................... 50 m³
FW (potable), approx. .............. 200 m³
FW (technical), approx. .......... 240 m³

CARGO EQUIPMENT
Segregation .................. 12 (2 x 6) cargo tanks
Cargo pumps (submerged) ........ 12 x 300 m³/hr
Cargo pumps type ............... Deep-well, electric
Slop tanks pump .................. 2 x 150 m³/hr
Discharge rate (6 simult.) ........ 1,800 m³/h

ENVIRONMENTAL
- Sewage and garbage handling fully compliant with MARPOL IV/V
- B.W. Treatment Plant compliant with MARPOL V

FUEL CONSUMPTION
(service speed, design draft, 15% SM)
Fuel consumption, (-S/G) MDO ....... 12.3 t/day
Fuel consumption (-S/G) HFO ......... 12.9 t/day
Fuel consumption, (+S/G) MDO ........ 14.0 t/day
Fuel consumption (+S/G) HFO ........ 14.7 t/day

ENDURANCE
Endurance, serv. speed (on HFO) ..... 8,000 nm

ACCOMMODATION
- 20 persons in single cabin, fully air-conditioned

MACHINERY
Main engine (WSX52) .............. 5,100 kW
Generator sets (W/L.16) ........... 3 x 735 kWe
Shaft generator ..................... 1 x 1,500 kWe
Emerg. / harbour generator ...... 1 x 300 kWe
Propeller ....................... 1 x FP, Ø 5.6 m

SHIP EQUIPMENT
- One (1) full-spade flap rudder with twisted leading edge
- One (1) el.-hydraulic rotary rudder steering gear
- One (1) hose handling crane, 10t @ 20m outreach

CLASSIFICATION
Dnv + 1A1, Tanker for Chemicals and Oil Products E61, E62, CLEAN, BWM-T, NAUT-OC, E0, ETC, VCS-2, COAT-PSC(B) TMON INERT
or equivalent IACS

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