**MAIN DATA**

- **Length over all**: 181.80 m
- **Deadweight, max.**: 34,000 dwt
- **Cargo capacity**: abt. 38,400 m³
- **Service speed @ max draft**: 14.5 knots
- **2-stroke Dual Fuel ME**: 8,300 kW
- **Operation range**: “Worldwide”
- **Segregation**: 14 cargo tanks
- **Cargo pumps**: Deep-well, electric

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**TANKER FOR OIL PRODUCTS AND CHEMICALS IMO II & III TYPE**

- Designed for Worldwide operation carrying Chemicals, clean and dirty Petroleum Products
- Latest Dual Fuel technology to operate on LNG in ECA zones (IMO Tier III) and HFO outside at competitive fuel costs
- Energy efficient cargo handling system
- Compliant with Harmonized Common structural Rules (HCSR) for double hull tankers
- Available in configuration with SCR (NOx) and Scrubber (SOx)
- Economical operation when using shaft generator
- FPP with low revolution rate
- Optimized hull form and high propulsion efficiency due to combination of rudder and propeller
- Optional Ice Class
MAIN DIMENSIONS
Length over all, approx. .................. 181.80 m
Length between PP ....................... 175.80 m
Breadth moulded ......................... 27.40 m
Depth moulded, approx. ................. 15.10 m
Design draught ......................... 10.30 m
Scantling draught ......................... 10.97 m
Deadweight, des. draught .......... 31,000 dwt
Deadweight, max. draught .......... 34,000 dwt

CARGO EQUIPMENT
Segregation ......................... 14 (2x7) cargo tanks
Cargo pumps (submerged) .......... 14 x 430 m³/hr
Cargo pumps type ............... Deep-well, electric
Slop tanks pump ..................... 2 x 120 m³/hr
Discharge rate (7 simult.) ......... 3,150 m³/hr

ENVIRONMENTAL
- Sewage and garbage handling fully compliant with MARPOL IV/V
- B.W. Treatment Plant compliant with MARPOL V
- Available in configuration with SCR (NOx) and Scrubber (SOx) technology.

FUEL CONSUMPTION
(Service speed, maximum draft, 15% SM)
Fuel consumption, LNG mode .......... 25.0 t/day
Fuel consumption, MDO mode .......... 31.3 t/day
Fuel consumption, HFO mode .......... 32.9 t/day

ENDURANCE
Endurance, serv. speed (on LNG) ........ 4,500 nm
Endurance, serv. speed (on HFO) ........ 4,500 nm

MACHINERY
Main engine .................. 1 x SX82DF (Dual Fuel)
ME maximum continuous rating ........ 8,300 kW
ME nominal continuous rating ........ 7,470 kW
Generator Sets (2 x 8L20DF) .......... 1,100 kW
Shaft generator ................ 1 x 1,200 kW
Emerg. / harbour generator .......... 1 x 200 kW
Propeller .................. 1 x FPP Ø 5.900 m

SHIP EQUIPMENT
- One (1) full-spade flap rudder with twisted leading edge
- One (1) el.-hydraulic rotary vane steering gear

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

CLASSIFICATION
- DnV + 1A1, Tanker for Chemicals and Oil Products ESP, CSR, CLEAN, BWM-T NAUT-OC, E0, ETC, VCS-2, COAT-PSPC(B), TMON, INERT, GAS FUELED
- or equivalent IACS

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