WSD 47 113K

**MAIN DATA**
- Length over all: 249.90 m
- Deadweight, max draft: 112,500 dwt
- Service speed: 14.5 knots
- Operation range: “Worldwide”
- 2-stroke main engine: 10,400 kW
- Wärtsila 6X62
- Cargo segregation: 12 cargo tanks
- Fuel oil consumption, serv. speed at design draught: 35.5 t/day (15% SM, 90% MCR, 42700 kJ/kWh)

**LR2 PRODUCT TANKER**
- Designed for carriage of Clean and Dirty products
- High cubic cargo capacity
- Main deck structure located outside cargo tanks for easier and faster cleaning
- Carriage of 3 grades of cargo simultaneously
- Special tank coating suitable for high number of carried products
- Superior hull form, CFD optimized and proven through extensive model testing
- Meeting EEDI of 2025 requirements
- Twelve (12) epoxy coated cargo tanks (+2 slop tanks) by means of transverse bulkheads and CL longitudinal bulkhead
- 2-Stroke, new X-generation main engine with common rail and low revolutions
- Design flexibility: available in Basic (HFO), Environmental (HFO + Scrubber +SCR) and Dual Fuel (LNG) versions
- Optional ice class
MAIN DIMENSIONS
Length over all, approx. .................. 249.90 m
Length between PP ................................... 242.00 m
Breadth moulded .................................. 44.00 m
Depth moulded, approx. .................... 21.25 m
Design draught .................................. 13.60 m
Scantling draught ................................. 15.20 m
Deadweight, @ design draft ............ 97,300 dwt
Deadweight, @ scantl. draft .............. 112,500 dwt

SPEED
Service speed @ design draft.............. 14.5 knots
(Sea margin 15%, 90% MCR)
Service speed @ maximum draft ....... 14.0 knots
(Sea margin 15%, 90% MCR)
Endurance, service speed .............. 20,000 nm

CAPACITIES
Cargo tanks 100% fill, approx. ........ 130,300 m³
Slop tanks 100% fill, approx. .......... 4,000 m³
Ballast water tanks, approx. .......... 37,000 m³
HFO, storage, serv., approx. ........... 2600 m³
MDO, approx. ................................. 650 m³
Lub. Oil, approx. ............................... 190 m³
Fresh water tanks, approx. ............. 150 m³
Technical fresh water tanks, approx. .. 600 m³
Urea, approx. ................................. 120 m³
Caustic soda, approx. ...................... 190 m³

CARGO EQUIPMENT
Segregation .............................. 12 (2 x 6) cargo tanks
Cargo pumps (centrifugal) ............. 3 x 3,000 m³/hr
Stripping system ......................... 1 x 300 m³/hr
Discharge rate (3 simult.) .............. 9,000 m³/h
Heating ...................................... Steam Coils

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

CONSUMPTION (90% MCR)
Fuel consumption, MDO mode .......... 35.5 t/day
Fuel consumption, HFO mode .......... 37.3 t/day

DECK’S EQUIPMENT
- One (1) Free-fall motor lifesaving boat for 32 persons (aft)
- Four (4) inflatable rafts for each 16 persons
- One (1) inflatable raft for 6 persons
- One (1) rescue boat

MACHINERY
Main engine (Wärtsilä 6X62) ........ 10,400 kW
Generator sets .......................... 3 x 800 kW
Emerg. / harbour generator ........... 1 x 200 kW
Oil fired steam boilers ................. 2 x 25 t/hr
Propeller ................................. 1 x FPP, Ø 8,000 m

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

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

ESDs
- EnergoProFin
- Mewis Duct

CLASSIFICATION
+A1, +AMS, +ACCU, E, Oil Carrier, ESP,
NBLES, CSR, AB-CM, RES, CPS, POT, VEC-L,
ENIRO-OS, BWT, TCM, UWILD, FL(25),
Single Point Mooring

or IACS equivalent