## MAIN DATA

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length over all, approx.</td>
<td>183.3 m</td>
</tr>
<tr>
<td>Deadweight, max.</td>
<td>50,000 DWT</td>
</tr>
<tr>
<td>Gross Tonnage</td>
<td>31,150 GT</td>
</tr>
<tr>
<td>Net Tonnage</td>
<td>9,350 NT</td>
</tr>
<tr>
<td>Design Speed</td>
<td>14.5 knots</td>
</tr>
<tr>
<td>Endurance</td>
<td>10,000 nm</td>
</tr>
<tr>
<td>Endurance (LNG)</td>
<td>9,600 nm</td>
</tr>
<tr>
<td>Operation</td>
<td>“Worldwide”</td>
</tr>
<tr>
<td>Main engine</td>
<td>Dual Fuel 2-stroke</td>
</tr>
<tr>
<td>1 x 7,800 kW</td>
<td>W5X62DF</td>
</tr>
<tr>
<td>Daily fuel oil cons. @ design. draught</td>
<td></td>
</tr>
<tr>
<td>LNG, approx.</td>
<td>22.3 t</td>
</tr>
<tr>
<td>ULSMGO, approx.</td>
<td>27.7 t</td>
</tr>
</tbody>
</table>

## 50,000 DWT OIL PRODUCT TANKER

- Latest technology Dual Fuel Engines to operate on LNG in ECA zones (IMO Tier III) and HFO outside at competitive fuel cost
- Single decked with machinery and accommodation located aft
- Single screw propulsion with low speed DF main engine
- B. W. Treatment Plant compliant with the latest MARPOL V
- Sewage and garbage handling fully compliant with MARPOL IV
- Superior hull lines, CFD optimized
- Low fuel oil consumption, high propulsive efficiency
- Twelve (12) cargo tanks + two (2) slop tanks by means of transverse bulkheads and Cl. longitudinal bulkhead
- Cargo handling with high loading / discharging capacities
- Double bottom and double shell protection
- Clean design – fuel tanks in engine room arranged with cofferdams against outer shell
- Spaces for Scrubber & SCR reserved.

**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. .................. 183.30 m
- Length PP, approx. .................. 176.00 m
- Breadth moulded .................. 32.26 m
- Depth to main deck .................. 18.80 m
- Draught, design Td .................. 11.00 m
- Draught, scantling Ts .................. 13.30 m
- Deadweight (Ts= 13.3m) .................. 50,000 t

**SERVICE SPEED**

- Speed (Tsd= 11.0 m) @ 90% MCR .... 14.5 knots
- Endurance, serv speed (on LNG) ........ 9000 nm
- Endurance, serv speed (on MGO) ........ 10000 nm

**CONSUMPTION**

- Daily fuel consumption (LNG) @ Td ... 22.3 t/day
- Daily fuel consumption (MGO) @ Td ... 27.7 t/day
  (at 90% MCR condition)

**CAPACITIES**

- Cargo tanks, approx.................. 54,900 m³
- Slop tanks, approx.................. 1,900 m³
- ULSMGO capacity, approx............... 1,400 m³
- FW capacity, approx.................. 750 m³
- Lub. oil tanks, approx.................. 80 m³
- Two (2) LNG tanks, approx........... 2,000 m³

**CARGO EQUIPMENT**

- Discharge rate .................. 3,600 m³/h
- Cargo pumps (deepwell) ........ 12 x 600 m³/h
- 120 mLC, SG 0.75 t/m³, electrical
- Slop pumps (deepwell) ........ 2 x 150 m³/h
- 120 mLC, SG 0.75 t/m³, electrical
- Portable pump .................. 1 x 70 m³/h
- 70 mLC, SG 0.75 t/m³
- Heating coils in each cargo tank
- Inert gas plant .................. 4700 m³/h

**ENVIRONMENTAL EQUIPMENT**

- Ballast water treatment unit ........ 1000 m³/h
  (electro-chlorination type)
- Sewage and garbage treatment

**ESDs**

- EnergoPac

**DECK’S MACHINERY**

- Two (2) separate combined windlass/mooring windlasses with double drums and one (1) warping head – forecastle deck
- Two (2) mooring winches with double drums and one (1) warping head – poop deck
- Two (2) mooring winches with double drums – main deck
- One (1) electro-hydraulic steering gear
- One (1) el.-hydr. hose crane SWL. 16.0 t @ 22.0 m
- One (1) free-fall lifeboats for 30 persons

**MACHINERY**

- Main engine (6X62DF), MCR .......... 7,800 kW
- Generator sets (6L20DF) ........ 3 x 1,065 kW
- Emerg. generator .................. 1 x 150 kW
- Propeller .................. 1 x FPP, dia. 7,200 mm

**E-PLANT**

- 230 V/440 V
- Power ........................................ 440 V, 60 Hz
- Lighting .................................. 230 V, 60 Hz
- Automation ................................. 230 V, 60 Hz / 24 VDC

**ACCOMMODATION**

- 28 persons full HVAC in single cabins

**CLASSIFICATION**

- DNV +1A1, Tanker for Oil Products ESP, CSR, E0, VCS-2
- or equivalent from IACS major class

E-mail:  shipdesign@wartsila.com

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