24000 DWT Chemical Tanker (IMO II)

General:

KNUD E. HANSEN chemical tanker design method is based on long term experience on ship design and in cooperation with leading tanker operators. Using advanced optimisation software tools for predicting optimum; propulsion power, hull lines, stability, energy efficiency, cargo capacity, segregations and hull structural scantlings, we can guarantee a low EEDI.

The Chemical tanker design is off course in compliance with IACS Common Structural Rules, IBC code and OCIMF. The vessel is optimized on lowest energy consumption at a number of different drafts/cargo capacity considering optimal cargo volume, hull structural mass and ballast tank layout.

Main Particulars:

- Length o.a.: 163.50 m
- Length b.p.: 159.00 m
- Breadth moulded: 27.00 m
- Depth to main deck: 14.00 m
- Displacement: 31650 t
- Draught: 9.20 m

Capacity:

- Cargo tanks: abt. 30,500 m³
- Cargo type: IMO 2
- Heavy fuel oil: 1,000 m³
- Diesel oil: 150 m³
- Lub oil: 50 m³
- Fresh water: 200 m³
- Ballast water: abt. 11,900 m³

Speed:

- Service speed, loaded: 15.00 kn

Machinery and Equipment:

- Delivered power (85 % MCR and 15 % sea margin): abt. 6,910 kW

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