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. 30500 m^3
Cargo type	IMO 2
Heavy fuel oil	1000 m^3
Diesel oil	150 m^3
Lub oil	50 m^3
Fresh water	200 m^3
Ballast water	abt. 11900 m^3

Speed: Service speed, loaded — 15 kn

Propulsion: Delivered power (85 % MCR and 15 % sea margin) — abt. 6910 kW

Ref. No.: KEH 0788.29

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SHIP DESIGN SINCE 1937