

73,000 DWT Product Carriers (SHI Hnos. 1450 & 1469)

Description

Single screw tanker with 12 wing tanks for oil cargo, 2 wing tanks for slops, one residual tank, fore & after peak for water ballast and 8 L-type wing tanks for segregated ballast. Accommodation and E/R located aft. Cargo Pump Room located forward of accommodation. Cargo Tanks are fully coated with a pure epoxy coating system and underwater hull provided with a five-year tin free A/F system. The vessel is provided with the following ABS Notations: **⌘A1(E), 'Oil Carrier ESP', ⌘AMS, ⌘ACCU, SH, SHCM**

Dimensions

Length over all	228 m
Length between perpendiculars	219 m
Breadth moulded	32.24 m
Draft on Summer Freeboard	14.0 m
Depth moulded	20.6 m
Deadweight on this draft	72,650 MT
Total Cubic Capacity (at 100% filling, incl Slops & Residual tank)	85,000 m ³

Tonnage

	Gross	Net
International	41,690	20,900

Speed, Cruising Range & Fuel Oil Consumption

Service Speed at Design Draft (12.2m) and at NCR (13,052 BHP)	15.7 knots
Cruising Range	20,000 sea miles
Heavy Fuel Oil Consumption of Main Engine	44.4 MT/day
Heavy Fuel Oil Consumption of Auxiliary Engine	Abt. 4 MT/day

Main Engine

One Hyundai-B&W 6S60MC	MCR	NCR
	16,680 BHP @ 105 rpm	15,010 BHP @ 101.4 rpm

Electricity

Three alternators of 740 kw, driven by three four stroke, turbocharged diesel engines .

Pumps

Three (3) sets of 2,000 m³/h capacity, centrifugal type, vertically coupled, driven by steam turbine.

One (1) Cargo Oil Stripping pump of 160 m³/h capacity.

One (1) Cargo Stripping Eductor of 400m³/h capacity.

Two (2) sets of 1,000 m³/h capacity, centrifugal type, electric motor driven.

One (1) Ballast Eductor, 200 m³/h capacity.

Steam Plant

Two (2) sets of oil fired boilers of 20,000 kg/h capacity and one EGE of 1,200 kg/h capacity.

Mooring Particulars

2 sets of windlasses combined with winches and an extra mooring winch at the upper forward deck, 2 mooring winches at the after deck and 3 winches at the mid upper deck. Rated capacity of all mooring winches is 15 ton x 15 m/min. Vessel is equipped with SPM and Emergency Towing Fittings.

Hose Handling Crane

1 set of electro-hydraulic, single jib crane of 15 ton SWL.

Steering Gear

Electro-hydraulic type, two ram-four cylinder type steering gear operated by two hydraulic pumps each having 100% capacity.

Fire Fighting System

Fixed foam system (alcohol resistant type) provided for the cargo tank deck area and fixed CO₂ system provided for the E/R.

Inert Gas System

Inert gas generator of 7,500 m³/h .