



**General Information**

Owners	Schiffahrtsgesellschaft "Oste" mbH & Co. KG
Year Built	May 2000
Shipyard	Daewoo Heavy Industries Ltd., Korea
Flag	Liberia
Class/Notation	American Bureau of Shipping A1 Oil Carrier, AMS, ACCU, VEC
Vessel Type	Oil Tanker (double hull)
IMO/LR No.	9188788
Call Sign	A 8 U A 4
Official No.	91872
Telephone	VSAT: +4723679506/7 FBB: +870773165691
Fax	FBB: +870783163458
E-mail	master.max(at)ernstjacob.de

**Dimensions**

Summer Deadweight	157,449 mt
Light Ship Weight	22,572 mt
Length o.a.	274.00 m
Length b.p.	264.00 m
Breadth moulded	48.00 m
Depth moulded	23.20 m
TPC	117.3 t
Tonnage	49,488 NT / 81,565 GT

**Propulsion and Aux Machines**

Main Engine	MAN B&W 6S 70 MC, 17,071 kW 37-45 critical rpm (barred range)
Propeller	Fixed pitch M-Ni-Al-Br 4 Blades Keyless
Aux Engine	3 x MAN B&W 6L 23/30H Diesel Generator, 900 kW, 900 rpm
Boilers	2 x vertical Oil-fired Auxiliary Boiler Aalborg CPH 35-2 (Sunrod ) Saturated 35 Ton/h x 16bar 1 x Exhaust gas economizer Kangrim – EMDB 23A2P2

**Capacity of Bunkers / Fresh Water**

Bunker Capacity	Fuel Oil: 3,394.71 m <sup>3</sup>
98 %	Diesel: 1,205.90 m <sup>3</sup>
Fresh water Capacity	463.00 m <sup>3</sup>
100 %	

**Cargo and Ballast System**

No. of Cargo Tank	12
Slop Tanks	2
Coating	Partially coated EPOXY, Slop Tanks fully coated
No. of segregations	3 with double valves
Total cubic capacity at 98% (excl. Slops)	166,683.6 m <sup>3</sup>
Slop Tanks Capacity	3,196.8 m <sup>3</sup>
No. of Cargo Pumps	3 x 3,700 m <sup>3</sup> /h at 150 m head
Type of Cargo Pumps	SHINKO KV 450 - 4 Centrifugal pump SHINKO RX2 steam turbine driven
Discharge Capacity	11,100 m <sup>3</sup> /h
Vessel equipped with	IGS / SBT / COW
No. of SBTs	15
Capacity of SBT	54,542.1 m <sup>3</sup> at 100 %
Ballast Pumps	2
Type of Ballast Pumps	SHINKO CV 450 Centrifugal pump 2 - speed Stage Electric motor driven
Cargo Hoses Cranes	2 x 15 tons SWL / Ele. Hydraulic
Cargo Manifolds	3 x 16" each side
Cargo Heating	Coils - 65° C

**Mooring Arrangement**

<i>Mooring Winches</i>	
Forecastle	2 hydraulic winch double drum split type
Main deck forward	1 hydraulic winch double drum split type
Main deck aft	1 hydraulic winch double drum split type
Poop deck	3 hydraulic winch double drum split type
<i>Mooring Wires</i>	
Forecastle	6
Main deck forward	2
Main deck aft	2
Poop deck	6
<i>Mooring ropes</i>	
Forecastle	nil
Poop deck	nil
<i>SPM Arrangements</i>	
Tongue type chain stopper – SWL 200 T, Chain Dia 76 mm	

*Emergency Towing Arrangement*

Forward	TK 40 F Tongue Stopper & chafing Chain
Aft	TK 40 A Towing wire