

Double Hull Chemical Tanker



General info

Vessel type	Motor Tanker
Construction year	2005
Construction place	Romania
Tonnage (ton)	1917
Reference NR	XH-SH1174

Dimensions

Length (m)	85.95
Width (m)	11.44
Depth (m)	4.83
Draft (m)	3.25

Price

Price	Price on request
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Contact details

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General Information

Vessel Type	Double Hull Inland Chemical Tanker
Tanker Type	Type C
Year Built	2005

Shipyard	Santierul Naval Orsova S.A., Romania
Outfitting Yard	Smits Machinefabriek, Netherlands
Hull Construction	Double Hull Steel
Classification Society	Lloyd's Register
Class Notation	A1 I.W.W. Tanker, Type C
Class Valid Until	October 2030
Inland Vessel Certificate	Valid until October 2030
ADN Certificate	Valid until October 2030
Trading Area	European Inland Waterways / Rhine to Basel

Dimensions & Capacities

Length Overall (LOA)	85.95 m
Beam	11.44 m
Maximum Draft	3.25 m
Light Draft	1.06 m
Depth	4.83 m
Air Draft	5.00 m (at light draft)
Maximum Deadweight	1,916.618 MT
Cargo Tank Capacity	2,104.509 m ³ (100%)
Number of Cargo Tanks	6
Cargo Tank Coating	Epoxy – Sigma Fenguard
Maximum Cargo Density	1.60 kg/l
Slop Tanks	2 (approx. 2 m ³ + 1 m ³)
Ballast Tanks	6 U-shaped Side Ballast Compartments

Cargo System

Cargo Type	Chemicals / Petrochemicals / Biofuels
Cargo Tank Configuration	6 Integrated Cargo Tanks
Cargo Segregation	Double Segregated Cargo System

Cargo Pumps	2 × Bornemann W7-2zk-85/2
Cargo Pump Capacity	2 × 275 m³/h
Cargo Pump Drive	2 × ABB Electric Motors, 86 kW each
Cargo Pump Pressure	6 bar
Cargo Piping	Stainless Steel 316L
Cargo Manifolds	3 on Each Side
Vapour Return System	Segregated, 6¼ Connections
Stripping Pump	Wilden Pneumatic Pump
Tank Gauging	Saab Radar System
Tank Coating Renewed	2021
Tank Ventilation	11 kW Gas-Freeing Fan

Machinery & Propulsion

Main Engine	Caterpillar 3512 DI-TA
Main Engine Power	1,014 kW
Main Engine RPM	1,600
Main Engine Running Hours	85,702 (October 2025)
Main Engine Overhaul	2021
Gearbox	ZF Marine W7000
Gearbox Ratio	4.926:1
Gearbox Renewed	2021
Propeller	4-Blade CuNiAl, 1,800 mm
Nozzle	Giessen Optima
Steering Gear	Van der Velden
Bow Thruster	Van Tiem 1200
Bow Thruster Power	330 kW
Bow Thruster Type	360° Rotatable Steering Grid

Auxiliary Machinery

Auxiliary Engine 1	Caterpillar C18 – 357 kW
Generator 1	Stamford 425 kVA
Auxiliary Engine 2	John Deere 4045TFM85E – 67 kW
Generator 2	63 kVA (2025)
Auxiliary Engine 3	John Deere – 94 kW
Generator 3	Stamford 97 kVA
Air Compressor	Atlas Copco GA15
Ballast Pump	Marflex MDPDL 200 – 43 kW

Accommodation & Equipment

Accommodation	4 Single Cabins
Wheelhouse	Hydraulic Elevating Wheelhouse
Wheelhouse Manufacturer Kampers	
Wheelhouse Lifting Height Approx. 2.50 m	
Radar	2 × Alphanet/JRC JMA 609
VHF	2 × Alphanet/Sailor RT 2048
AIS	Saab
Navigation Equipment	Alphanet
Air Conditioning	Daikin
Onboard Cameras	3
Fire Extinguishing System	Fixed Fire Suppression System
Shore Power Connection	Fitted

Surveys & Maintenance

Last Dry Docking	July 2025
Last Class Survey	July 2025
Class Certificate Expiry	12 October 2030
Main Engine Overhauled	2021
Gearbox Renewed	2021

Tank Coating Renewed	2021
Radar Mast Renewed	2024
Generator Set Renewed	2025
Air Conditioning Renewed	2025
Onboard Cameras Renewed	2025
General Condition	Good, according to October 2025 survey

Photos







