



Transport Desgagnés inc.

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M/T Rossi A. Desgagnés



MAIN PARTICULARS

GRT: 12,061 NRT: 4,332
LOA: 135.00 m LBP: 129.24 m
Breadth: 23.50 m Depth: 11.30 m
Deadweight: 14,919 mt at a draft of 7.9 m
Builder: Besiktas Gemi Insa Shipyard, Turkey, 2019
IMO No: 9804435
Port of Registry: Quebec
Flag: Canada
Official number: 842576
Call sign: CFCI
MMSI: 316 033 265
Type: Chemical Product Carrier, Double Hull, IMO 2
Class: Bureau Veritas | ✕Hull ✕Mach, Chemical Tanker ESP; Oil Tanker ESP, DualFuel, Unrestricted Navigation, Polar Class 7, ✕AUT-UMS, ✕SYS-NEQ-1 (SS), MON-SHAFT, Green Passport, Protected FO, Tank, CleanShip Super (BWM, GWT, NDO-7 days), Inwater Survey, SPM, VCS, Cold (H-30)

CARGO SYSTEM

Total Capacity: 17,471.34 m³ (17,121.91 m³ @ 98%)
Number of Tanks: 12 x Cargo + 2 x Slop + 1 x Residual
Segregation: 12 x Cargo + 2 x Slop (14 in total)
Max. Loading Rate: 400 m³/h for each tank
Max. Discharge Rate: 1800 m³/h, 6 Cargo Pumps
Cargo Tank Pumps: 12 x 300 m³/h, 13 bar
Slop & Residue Tank Pumps: 3 x 150 m³/h, 10 bar
Portable Emergency Pump: 1 x 70 m³/h, 7 bar

MACHINERY

1 x Wärtsilä SRT-Flex 50DF, 5,450 kW, 110 rpm
1 x Auxiliary Generator, 1,665 kW, 1,200 rpm
2 x Auxiliary Generators of 1,110 kW each, 1,200 rpm
1 x Emergency Generator, 300 kW
1 x Shaft Alternator/E-motor, 1,450 kW (TPO/PTI – ASP mode)
1 x Variable Pitch Propeller, 4 blades, 5,200 mm dia.
1 x Bow Thruster, 750 kW & 1 x Stern Thruster, 550 kW
2 x Thermal Oil Heater, 3,000 kW each

SPEED AND CONSUMPTION

Speed: 13.0 knots | 14.0 knots
M/E Cons. at sea: 13.9 mt/day | 19.9 mt/day (15% sea margin)
Gen Cons. in port: 1.5 – 8.0 mt/day (discharging)
Gen. Cons. at sea: 1.5 – 2.0 mt/day
Boiler Cons.: up to 4.0 mt/day based on cargo and weather

TANK CAPACITIES

HFO | MDO: 565.95 m³ | 243.4 m³
LNG: 625.48 m³ Fresh Water: 644.82 m³

BALLAST SYSTEM

Pumps: 2 x 500 m³/h, 2 bar Total Ballast: 6,793 m³
• Computerized Monitoring System for Cargo and Ballast Tanks, including Ullage, Temperature, High Level Alarm, etc.
• Fixed & Portable Washing, Fixed Gas-Freeing System for Cargo Tanks
• Loading Software including Stability Calculation for Intact or Damaged Vessel, etc.
• Stainless Steel Heating Coils for Cargo, Slop and Residue Tanks
• Closed Loading System with Vapor Return Line

