



# Transport Desgagnés inc.

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## MAIN PARTICULARS

GRT: 11,978  
NRT: 3,761  
LOA: 135.00 m  
LBP: 130.24 m  
Breadth: 23.50 m  
Depth: 11.30 m

Deadweight at design draught (salt water): 14,430 tm at 7.8 m  
Deadweight at scanting draught (salt water): 14,719 tm at 7.9 m

Builder: Besiktas Shipyard, Turkey, 2017  
IMO No: 9766437  
Port of Registry: Quebec  
Flag: Canadian  
Call Sign: CFAV

Type: Double Hull Oil/Asphalt/Chemical Tanker  
Class: BV I ✕Hull ✕Mach / Asphalt-Bitumen/Chemical/Oil Tanker FP>60°C, ESP, Dual Fuel, Cold (-30°C), Unr. Nav., ✕AUT-UMS, SPM, Polar Class 7, Clean-Ship Super (BWT, GWT, NDO-7 days), ✕SYS- NEQ-1, IWS, Green Passport, VCS, IWS, Mon-Shaft, Protected FO Tank

## CARGO SYSTEM

Total Capacity: 15,280 m<sup>3</sup> (14,974 m<sup>3</sup> @ 98%)  
Number of Tanks: 12 x Cargo + 2 x Slop  
Number of Manifolds: 4 x Cargo & 1 x Slop discharge manifolds  
Max. Loading Rate: 400 m<sup>3</sup>/h for each cargo manifold  
Max. Discharge Rate: 1,600 m<sup>3</sup>/h, 4 x Cargo pumps  
Cargo Tank Pumps: 4 x 400 m<sup>3</sup>/h, 10 bar  
Slop Tank Pumps: 1 x 150 m<sup>3</sup>/h, 10 bar

## MACHINERY

1 x Wärtsilä 5RT-flex 50DF, 5,450 kW, 110 rpm  
2 x Auxiliary Generator, 1,480 kW, 1,200 rpm  
1 x Auxiliary Generators of 1,110 kW each, 1,200 rpm  
1 x Emergency Generator, 360 kW 1800rpm  
1 x Shaft Alternator/E-motor, 1,450 kW (TPO/PTI – ASP mode)  
1 x Controllable Pitch Screw Propeller 5, 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: 1.5mt – 4.0 mt/day  
Gen. Cons. at sea: 1.5 – 2.0 mt/day  
Boiler Cons.: up to 10.0 mt/day based on weather

## TANK CAPACITIES

HFO | MDO: 565 m<sup>3</sup> | 243 m<sup>3</sup>  
LNG: 620 m<sup>3</sup>  
Fresh Water: 193 m<sup>3</sup>

## BALLAST SYSTEM

Pumps: 2 x 500 m<sup>3</sup>/h, 2 bar  
Total Ballast: 6,532 m<sup>3</sup>

- Computerized monitoring system for cargo and ballast tanks, including ullage, temperature, high level alarm, etc.
- Portable washing and permanent gas-freeing system for cargo tanks
- Loading software including stability calculation for intact or damaged vessel, etc.
- Stainless steel heating coils for cargos, slop and residue tanks
- Closed loading system with vapor return line

