

M/T CHEM FLOWER

3150 Dwt IMO II Oil Chemical Bunker Tanker



GENERAL

Name	CHEM FLOWER
Call sign	TCTSN
Flag	TURKEY
Home Port	ISTANBUL
Built	NB45 , 2008 , Cicek Shipyard Tuzla /TURKEY
Class Notations	B.V I+HULL+MACH,Oil/Chemical Tanker,ESP,Unrestricted Navigation, AUT-UMS,Clean SHIP,AVM-DPS, VCSTRANSFER,Ice 1B,Inwater Survey, Alternative/Asimetrical Loading at sea
IMO Number	9479618
Trading area	Worldwide
Grass tonnage	1967
Net tonnage	1106.2
Hull	Double Hull

MAIN DIMENSIONS

Lenght o.a.	84.975 m
Lenght b.p.	77.966 m
Breadth	12.6 m
Scantling Draught	5.389 m
Summer dwt.	3150
Winter dwt.	3050
Bunker capacity.	167.7 m³
Ballast water capacity.	1294.7 m³

TANK LAYOUT

Total capacity of cargo tanks	3429 m³
Slop tanks	90 m³
Manifold to deck	2.330 m
Manifold to stern	44.75 m
Manifold to bow	40.225 m

CARGO HANDLING

Segregations	12 segregations
Cargo pumps	12 x 150 m³/h SVANEHOJ/HAMWORTHY Deepwell cargo pumps system.Type DL100
Loading rate	1100 m³/h
Discharging rate	600 m³/h
Cargo manifold	6 manifolds for cargo each side. (Cargo tanks linked between ps/sb tanks) 2 for bunker. Main manifold connections are fore and aft of cargo manifold. 1 manifold for slop tanks. 1 manifold for vapour return line.
Heating capacity	Full cargo from 44 deg.C To 66deg.C in 96 hours with ambient air temp. -20 deg.C
Tank cleaning system	22 pcs Fixed tank washing machines. Scanjet SC 40 RT
Tank Coating	APC Marine Line
Cargo control	Tank monitoring and measuring by ARISTON SURVEYUR from cargo control station at Bridge house. Cargo and balast valves are remote operated valves. (EURO VALVE)
Hose Handling Crane	1pcs Hydraulic Hose Handling Crane 1.3 ton SWL / 16 m.

MAIN & AUXILIARY MACHINERY

Main engines	2 x MITSUBISHI S12R MPTK 940 kW
Propeller	HRP Thruster 7311WM 940 kW
Bow thruster	HRP 2001 TT 200 kW
Auxiliary engines	3 x VOLVO PENTA D16C-A-MH650 420 kW
Emergency/Harbour Generator	AB Volvo Penta, Stamford D7A-A TA 122 kW
Boilers	GARIONI NAVAL NG/C 2000 1395 kW S-MAN
Nitrogen Generator	GENERON HP 6800 (750 m3/hr)
Economiser	GARIONI NAVAL NG/EG 300 209 kW S-MAN
Speed	11 KNOT
Bunker consumption	5 Mt /day MDO
Lifting Equipment	1 pcs provision/rescue boat crane 2 ton SWL / 7 m

NAVIGATION & COMMUNICATION EQUIPMENT

Radar	2 pcs Sea radar units FURUNO-TOKIMEC
Electronic chart systems	1 pcs FRUNO electronic chart display and information system
GPS	FURUNO MARINE GPS Navigator with IMO (GPA 017S)
DGPS	FURUNO MARINE DGPS Navigator with IMO (GPA 019S)
Autopilot	RAYTHEON Autopilot, Pilotstar D with FU Tiller
Depth sounder	FURUNO Navigational echosounder 200/50 Hz
Navtex	FURUNO Navtex with printer.

