

TUG
"CASPIAN FLORA"



PRINCIPAL CHARACTERISTICS

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General

Name	Caspian Flora
Type	Tug
Classification	BV I*HULL*MACH Ice Class 1D Tug Coastal Area
Flag	Republic of Kazakhstan
Year of built	2018
Place of built	China, Damen shipyard

Dimensions

Length overall, m	16,76
Beam overall, m	5,94
Draft max, m	2,25
GRT/NRT	53/42

Accommodation

Crew	4
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Performance

Bollard pull,t	16 t
Max Speed, kn	11 knots

Propulsion plant

Main engines	2x Caterpillar C18 TA/A
Total power, kW	894 bkW (1216 bhp)
Propulsion units	2x Kaplan II fixed pitch propellers
Gearboxes	2x Reintjes WAF 364L 4.5:1
Nozzles	2x 1350 mm Van de Giessen "Optima" with stainless steel innerrings
Rudders	2x streamlined, double plates

**Auxiliary
equipment**

Generator set Caterpillar	C2.2 NA, 230/400 V, 20.3 kVA, 50 Hz
Cooling system	Closed cooling system
Ventilation Mechanical ventilation in E.R.	10.500 m3/h
Boiler	Oil fired heating boiler 34 kW
ER fixed fire-fighting	NOVEC 1230 system

Deck lay-out

Anchor winch	2x 80 kg Pool (one spare)
Crane	100 m stud link chain 13 mm diameter Electrical for one anchor Heila HLM 3-25, 0.5 ton at 6.9 meters
Capstan	1.3 ton at 9 m/min
Towing hook	SWL 250 kN/25 ton

**Communication
equipments**

GMDSS area A2

Tanks capacities

Fuel oil tanks, m ³	12
Fresh water tanks, m ³	1,1
Sewage water tanks, m ³	0,7
Bilge water, m ³	0,5

Please note: These particulars are believed to be correct, but without guarantee, and they must not be used as basis for Charter Parties or contracts without explicit written authority.

