TOTAL FORCE

Tug - Harbour & Terminal Towage





OVERVIEW

Primary Specification	
Registry:	AMSA
Class:	USL 2B
Official Number/Unique Identifier:	5408
Length (Overall):	18.18m
Breadth (Moulded):	5.9m
Depth (Moulded):	3.5m
Design Draft (lightship):	2.4m
Gross Registered Tonnage:	72T
Vessel Weight (lightship):	61.6T
Clear Deck Space:	30m ²
Cargo Deadweight:	N/A
Accommodation:	4

Machinery	
Propulsion:	2 x Fixed Pitch Propellers
Kort Nozzle:	Yes
Main Engines:	2 x Detroit 8V92 373kW ea.
Total Propulsion Power:	746kW
Gear Box:	Twindisc MG 514 6:1
Generator:	1 x Isuzu 30KVA
Bow Thruster:	No

Operational Performance	
Bollard Pull:	12T
Full Operating Speed:	10.4 Knots
Economic Operating Speed/consumption:	8.3 Knots/ 107L/Hr
Consumption at Idle:	21L/HR

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OVERVIEW

Tank capacities	
Fuel:	22.1m ³
Fresh Water:	2.9m ³
Water Ballast:	22.5m ³
Lube Oil:	N/A
Waste Oil:	N/A
Sullage:	1.5m ³
Grey Water:	N/A
Fuel Tranfer Pump:	1 fitted
Bilge & Ballast Pump:	3 x Rule 12v bilge pump
Fire Pump:	Davey GS Pump
Deck Machinery	
Tow Winch:	5T
Tugger Winch:	N/A
Anchor Windlass:	Double hydraulic Gypsy 2 x Anchors
Capstan:	N/A
Shark Jaws:	N/A
Towing Pins:	Yes
Towing Hook:	10T Quick Release
Stern Roller:	Yes
Deck Crane:	N/A

Navigational/Communications	
Radar System:	Furuno Gasa FET
Depth Sounder:	Koden
HF Radio:	Furuno FS 1550AU
VHF Radio:	1 X Icom M412 & 1 X Icom M304 both with DSC
Call Sign:	VNW6306
Compass:	Daiko Keiki
GPS:	Garmin GPS MAP 238
Chart Plotter:	Raymarine A70
Auto Pilot:	TMQ AP9
AIS:	Sanav AIS-700
MMSI:	503012630



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