

MV UNISUN



SHIP PARTICULARS

MAIN PARTICULARS

Type: _____ Multipurpose Tweendecker
Yard: _____ Qingdao Heshun Shipyard Co. Ltd. Shandong
Built: _____ 2009
Flag: _____ Antigua & Barbuda
Port of registry: _____ St. John's
IMO No: _____ 9448451
Class: _____ 1A
P&I: _____ Gard

CONTACT

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GENERAL DIMENSIONS

DWT summer sw: _____ 9,851 mts
DWCC summer sw: _____ abt. 8,400 mts
Draft fully laden: _____ 7,78 m (summer sw)
TPC: _____ 18,79
GT/NT: _____ 6,351 / 3,617
Panama (NT): _____ 5,589
Suez (GT/NT): _____ 6,457.89 / 5,785.83
LOA: _____ 132.20 m
LPP: _____ 124.56 m
Beam: _____ 15,87 m
Depth moulded: _____ 9,65 m
Keel to mast-top: _____ 37.5 m
Airdraft (ballast): _____ 33.5 m
Distance wl/hc: _____ 6.45 m (bss 4 m draft)

CRANES

Cranes (portside): _____ Liebherr el. hydraulic,
 _____ 2x 60 mts (combinable)
Outreach, capacity: _____ 60 mts (3–16 m)
 _____ 40 mts (3–24 m) /
 _____ 36 mts (3–28 m)
Max SWL (combined): _____ 110 mts

No spreader/lifting beam on board, lifting capacity is subject vessel's stability and depends on cargo/ballast on board.

DECK STRENGTH

Tanktop: _____ 15 mts/m² uniform
 _____ 20 mts/m² locally
Tweendeck: _____ 3.5 mts/m²
Hatch Cover: _____ 1.75 mts/m²

TWEENDECK

Tweendeck: _____ complete,
 _____ 18 pontoons
Height under td: _____ 4.55 m
Height above td: _____ 5.64 m

AVAILABLE AREA

Tanktop: _____ Ho1: 471 m² / Ho2: 677 m²
Tweendeck: _____ Ho1: 511 m² / Ho2: 677 m²
Deck: _____ Ho1: 546 m² / Ho2: 717 m²
Total: _____ 3,610 m²

HOLD PARTICULARS

Holds/hatches: _____ 2/2, boxshaped, openhatch
Grain capacity: _____ 452,839 cbft / 12,823 cbm (without td)
 _____ 425,153 cbft / 12,039 cbm (with td in hold)
Hold No 1: _____ 39.96 m x 13.20 m x 10.85 m
 _____ 189,110 cbft / 5,355 cbm (without td)
 _____ 177,562 cbft / 5,028 cbm (with td in hold)
Hold No 2: _____ 52.54 m x 13.20 m x 10.85 m
 _____ 263,729 cbft / 7,468 cbm (without td)
 _____ 247,591 cbft / 7,011 cbm (with td in hold)
Hatch cover: _____ pontoon, 14 pcs
Moveable bulkheads: _____ 2 bulkheads (8 positions)
Hold ventilation: _____ 12 air changes per hour

CONTAINER

Container intake: _____ 474 TEU of which 210 TEU on deck
Intake basis 14 mts: _____ 320 TEU
Reefer plugs: _____ 20 pcs (on deck)
Stack loads: _____ hold: TEU 90 mts / FEU 100 mts
 _____ deck: TEU 25 mts / FEU 40 mts

Intake is always subject vessel's stability, trim, permissible weight and subject to regulations of visibility.

MACHINERY

Main engine: _____ MAK 8M32C–3,840 kW
Auxiliary engines: _____ 2 x 315 kW
Shaft generator: _____ 500 kW
Bow thruster: _____ 500 kW
Propeller: _____ 1 x controllable c.w. pitch propeller
Speed/consumption: _____ laden: abt 11 kn on abt 12.5 mts/day
 _____ ballast: abt 11.5 kn on abt 12.5 mts/day
Port consumption: _____ abt. 1 mts MGO (idle)
 _____ abt. 2,0 mts MGO (working)



Fuel grades:

VLSFO: _____ 0,5% 380 RMG / ISO 8217:2012
MGO: _____ DMA 0,1% / ISO 8217:2012

Speed and consumption figures are "about" and calculated basis max Beaufort 3 / DSS 2, no adverse current, even keel and max seawater temperature of 26°C.

No consumption of MGO at sea, provided shaft generator connected, except if hold ventilation is used, reefers connected and in case of emergency and/or when maneuvering in/out of ports, narrow, shallow or other constraint waters.

TANK CAPACITIES

VLSFO: _____ abt 408.38 mts (90% capacity)
MGO LS: _____ abt 109.6 mts (90% capacity)
Fresh water: _____ abt 73.11 mts
Ballast water: _____ abt 3,550 cbm

No mixing of bunkers allowed.

All details are given "about", wog and in good faith.

