



6500 DWT TANKER

Specifications

GENERAL

Type Of Vessel	Tanker
Classification	RINA & BKI
Materials	ABS
Deadweight	6500 Tons
Speed	12 knots

DIMENSIONS

Length Over all	108 M
Length BP	102M
Breadth	19.20 M
Depth	9.30 M
Design Draft	6.00M
Scantling Draft	6.30M

TANK CAPACITY

MDO	400 M3 (98% full)
Fresh Water	250 M3 (98% full)
Sludge Tank	6 M3
Dirty Oil Tank	6 M3
Lub Oil Storage	20M3
Cargo Oil Tanks	8,050 cu.m. (98% full)
Slop Tank P+S	250 cu.m. (98% full)
Total Cargo+Slop	8,300 cu.m. (98% full)

MOORING EQUIPMENT

Bollards	18 x 400 mm dia. double bitt
Panama Chocks	Two (2) x 400 x 300mm
3 roller fairlead	Four (4) (300 dia)
2 roller fairlead	Four (4) (300 dia)
Mooring Pipe	Nine (9) 350 x 250
Pedestal Rollers	9 x dia 300 (Deck Rollers)

PROPULSION SYSTEM

Quantity	One (1) (single screw Propulsion)
Engine Type	Marine Diesel
No. of Cylinder	Six (6) in line
MCR	2942 KW
NCR	85% MCR
RPM	200 - 240
Fuel Type	MDO

ANCHOR EQUIPMENT

Anchors	Stockless Bower type, two (2) x 3300 kg 1 spare anchor to be provided
Chains	Stud link type, 46 mm dia x 495M (Grade 3)
Mooring Ropes	Polypropylene type, 6 x 200M x 25,500kg minimum breaking strength
Emergency Towing	Fire wire emergency with both end completed with eye spliced, 28mm dia x 100m, maker certificate endorsed by classification

WINDLASS EQUIPMENT

Nos. of units	Two (2)
Type	Electro hydraulic (high pressure type), single gypsy one mooring drum with single warping head capable
Rating	Suitable for 46 mm Grade 3 chain cable at 16/8 T x 9/18 M/min for cast steel gypsy. At hawser drum , 5/2.5 Tx 15/30 M/min.

* The above calculation are only preliminary design information.

* Image shown for reference purpose.

General Arrangement

