

Name **KST Leo &
KST Libra**

Port of Registry **Singapore**

Year Built **2006 / 2007**



Type Pusher Harbour Tug.

Class
Lloyd's Register of Shipping
✧ 100 A1 Tug ✧ LMC (Fire Fighting Capability)

Dimensions:
Length Overall 30.0 m
Breadth Moulded 10.5 m
Draft Design 4.2 m
Depth Moulded 4.9 m

Tonnage
Net Tonnage 100
Gross Tonnage 335

Speed 12 knots

Bollard Pull: 54 Ton

Capacity
Fuel oil 164.0 m³
Fresh water 39.6 m³
Foam 11.0 m³
Dispersant 3.6 m³

Main Engines
Niigata 6L26HLX
2 x 2039 bhp at 750 rpm

Propulsion
2 x Niigata ZP-31 fixed pitch propeller with
steerable Azimuth thrusters

Generators
3 x Cummins, CSM x T5.9-2
83kw, 380V, 3ph, 50Hz

Deck Machinery
Anchor windlass/ Towing Winch :
Plimsoll electro hydraulic driven.
Braking capacity 120 T

Aft Towing Winch (with spooling device):
Plimsoll electro hydraulic driven.
Braking capacity 120 T

Navigational & Communication Equipment
Echo Sounder, EPIRB, Marine Radar, SART,
GMDSS VHF Radio, GPS Navigator, WASS /
GPS Plotter, Magnetic Compass, AIS System,
Satellite compass / Auto Pilot, Navtex
Receiver, SSB, VHF Radio.

Fire Fighting System
- Engine driven Nijhuis model HGT1-250.500
pump. Capacity 1,400 m³/h
- Gearbox with clutch Kumera : 2FGEC-2340
- 2 x SKUM fire monitor (600 m³/h each)
 Throw Length: 100m
 Throw Height: 45m
- One set Foam Mixing fitting
- Self drenching system: Main Deck
 Deck House
 Wheel House

Other
Oil Pollution Fighting system

Accommodation
10 persons

Builder
Keppel Singmarine Pte Ltd

This vessel specification is given in good faith and assumed to be correct. January 2007



KEPPEL SMIT TOWAGE PRIVATE LIMITED



23 Gul Road, Singapore 629356

Telephone: +65 666 84 222 Fax: +65 666 84 333

Email: kst@keppelsmit.com.sg Website: www.keppelsmit.com.sg



