



BRITOil 64

5,400 BHP | 70 TBP | AHTS

Name of Vessel
BRITOil 64

Registry / Year of Delivery
Singapore / 2007

Type

Ocean Going / AHT / Towing
Tug

Classification

ABS + A1, Towing Vessel, (E),
+ AMS

Dimension

40.0m x 11.4m x 4.95m

Draft

4.0m (Designed), 4.4m (Max)

GRT / NRT / DWT

497T / 149T / 262T

Clear Deck Space

16.5m x 8.0m

Deck Strength

Main Deck- 5T/m²

Speed

12.5 knots

Bollard Pull

70T

Endurance

24 days

Accommodation

Fully air conditioned for 18 men

Lifesaving

Comply to SOLAS requirement

Life-raft

2 x 20 Men

Firefighting

Comply to SOLAS requirement.

Fuel
292 MT (90%)

Fresh Water
56 mt

Freshwater Maker
12.4 mt/day

Main Engines & Gearboxes
2 x Caterpillar 3606 diesel
engines producing 2700 bhp
each at 1000 rpm c/w
2 x Reintjes WAF 2345
gearboxes, ratio 4.454:1

Generators
3 x 300kW, 380/3/50, Caterpillar
3408 diesel driven

Main Engine Consumption
16000 litres MGO and 53 litres
lube oil per 24 hours at full
power.
11,000 litres MGO and 24 litres
lube oil per 24 hours at
economic cruising speed of
10 knots

Generator Consumption
450 litres MGO and 10 litres lube
oil per 24 hours

Propulsion
2 x fixed propellers 2900mm dia,
Aluminium Nickel in kort nozzles

Steering Gear
Electro hydraulic, 7T torque

Fuel Oil Purifiers
Mitsubishi self cleaning fuel oil
purifier SJ-700

Bow Thruster
Brunvoll FU45 T1225, 300kW,
4.5T thrust

Towing Pins & Sharkjaws
KARM FORK combination unit
with 2 towing pins & 2 sharkjaws

Crane
North American Crane model:
45TM-14M/2.6T, 2.6T at 14m

Anchor Windlass
Hydraulic 7.7T at 0-14m/min
BRATTVAAG

Anchors
2 x 780kg stockless anchors

Anchor Chain
2 x 330m x 28mm diameter
U2 steel stud link chain

Towing/Anchor Winch
BRATTVAAG double drum
waterfall type SL75-2T hydraulic
winch with remote controls in
wheelhouse
75T pull at 0-14.0m/min
43T pull at 0-22m/min
Wire Capacity:-
1000m x 52 mm diameter
Brake holding: 140T

Tugger Winch
2 x BRATTVAAG 11T line pull at
0-23m/min

Wire Storage Reels
2 x 9.2T line pull at 0-26 m/min,
storage reels will contain
1000m x 52mm diameter

Stern Roller
Size: L-3.3M, Ø-1.62M
S.W.L: 140T

Fendering
Flat bar doubler plates
300mm x 30mm cross section
welded to side shell

Cutting Equipment
2 bottles oxygen and 1 bottle
acetylene c/w torch

Radar
1 x radar. Model FR1510 MK3
1 x radar. Model FR 2105

SSB
Radio console, FURUNO model
RC-1800-IT-25-250,
24V DC/220V AC with manual
c/over to emergency supply
antenna feeder through
insulator, whip & standoff
insulators c/w DSC & NBDP to
meet GMDSS requirements.
FURUNO SSB FS-2570-250W

VHF
2 x VHF/FM multi-channel marine
radio telephones. FURUNO FM-
8500-25W

Gyro & Automatic Pilot
1 x Gyro-Tokimec ES-110.
Autopilot-Furuno NAV Pilot-500

Weather Facsimile
1 x Furuno model FAX-207

Other Navigation Equipment
2 x INMARSAT-C, EPIRB,
Radar Transponder, P.A. System,
Navtex Receiver, GPS Navigator,
Anemometer, Omni Direction TV
Antenna, Echo Sounder, Battery
Powered Telephone, Inmarsat M,
Speed log, AIS, SSAS

Fire Monitors
2 fixed foam/water fire monitors
of 3000 litres/min each at
120m head capacity.
1 x Fire pump of 360 m³/hour

Dispersant Booms
2 x 8m dispersant booms fitted

Sewage Treatment Plant
Taiko Kikai SBT-25 for 25 men