



BRITOIL 61

10,500 BHP | 130 TBP | AHT

Name of Vessel
BRITOIL 61

Registry / Year of Delivery
Singapore / 2007

Type
Ocean Going / Anchor Handling /
Towing Tug

Classification

ABS + A1, Towing Vessel, Fire
Fighting Vessel Class 1 (E), +
AMS

Dimensions
51.0m x 13.0m x 6m

Draft
4.5m (Designed) / 5.4m (Max)

Clear Deck Space
22.0m x 10.0m

Deck Strength
Main Deck-5T/m2

GRT / NRT / DWT
1123T / 337T / 703T

Speed
13.0 knots

Bollard Pull
130T

Endurance
30 days approximately

Accommodation
Fully air conditioned for 30 men

Lifesaving
To meet SOLAS requirement

Life-raft
4 x 25 men

Rescue Boat
1 x 6 men

Fuel
610 MT (90%)

Fresh Water
80 MT

Freshwater Maker
12.4 MT/day

Main Engines & Gearboxes
2 x MAK 8M32C diesel engines
producing 5250 bhp each at 600
rpm c/w reintjes LAF6745
reduction gearboxes

Generators
3 x 400 kW, Caterpillar 3412 Dita,
380/3/50, diesel driven generators.
1 x 99 kW, Cat 3306 Dita emergency
generator

M.E. Consumption
32,000 litres MGO and 80 litres lube oil
per 24 hours at full power.
24,000 litres MGO and 60 litres lube oil
per 24 hours at economic cruising
speed of 10 knots.

Generator Consumption
600 litres MGO and 15 litres lube oil
per 24 hours

Propulsion
2 x 3500mm diameter, 4-bladed
CPP propeller manganese bronze in
kort nozzles

Steering Gear
Electro hydraulic, 14T torque

Fuel Oil Purifier
Mitsubishi self cleaning fuel oil
purifier, SJ10G

Lube Oil Purifier
Mitsubishi self cleaning lube oil
purifier, SJ20G

Bow Thruster
1 x 500 bhp BRUNVOLL
Type CPP – Thrust 6.3T

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

Crane
Dreggen, model DKT100, capacity
2.65T at 20.6m

Anchor Windlass
Hydraulic 8.9T at 0-13m/min
BRATTVAAG

Anchors
2 x 1590 kg stockless anchors

Anchor Chain
2 x 275m x 34mm diameter U2
steel stud link chain

Towing/Anchor Winch BRATTVAAG
double drum waterfall hydraulic winch
with remote controls in wheelhouse.
150T pull at 0-10.2m/min
2 units x 1200m x 60mm dia. wire

Tugger Winch
2 x BRATTVAAG 11T line pull at
0-44m/min

Wire Storage Reels
2 x 10T line pull at 0-35m/min & 1
x 20T line pull at 0-16m/min. Wire
capacity:
1 off x 1700m x 67mm dia. and
2 offs x 1200m x 67mm dia.
1 reel for storing spare towing wire
and 1 reel will store various size
pennant wires

Stern Roller
Size: L-4.01M, Ø- 1.65M
S.W.L: 300T

Fendering
Flat bar doubler plates of 30 x 350mm
cross-section welded to side shell. At
bow tire fenders of approx. 2000mm
provided

Radar
2 x IMO approved X-Band Marine
Radar c/w 6.5ft scanner and
performance monitor. FURUNO
FR2125 (#1) & FR-1510 MKIII (#2)

Radio
Radio console, FURUNO model
RC-1800-IT-25-250,
24V DC/240V AC with manual
cover to emergency supply antenna
feeder through insulator, whip &
standoff insulators c/w DSC &
NBDP to meet GMDSS
requirements SSB FURUNO FS-
2570-250W

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

Gyro & Automatic Pilot
1 x Gyro-Tokimec TG-6000.
Autopilot-Furuno NAV PILOT-500

Weather Facsimile
1 x Furuno FAX-207

Other Navigation Equipment
2 x INMARSAT-C, EPIRB,
Radar Transponder, P.A. System,
Navtex Receiver, GPS Navigator,
1 x Satellite Mini M Tel & Fax,
Echo Sounder (colour),
2 VHF walkie talkie, Anemometer,
speed log, AIS, etc.

Fire Monitors
2 fixed foam/water fire monitors of
10000 litres/min each at 130m
head capacity,
2 x fire pump of 1400 cu m/hour
each

Dispersant Booms
2 x 8m dispersant booms fitted

Sewage Treatment Plant
Taiko Kikai SBT-40 for 40 men