



# BRITOIL 65

5,400 BHP | 70 TBP | AHTS

**Name of Vessel**  
BRITOIL 65

**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**  
GBT (Design) 4.4m (Max)  
497T / 149T / 262T

**Clear Deck Space**  
16.5m x 8.0m

**Deck Strength**  
Main Deck- 5T/m<sup>2</sup>

**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**  
186 mt

**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 m<sup>3</sup>/hour

**Dispersant Booms**  
2 x 8m dispersant booms fitted

**Sewage Treatment Plant**  
Taiko Kikai SBT-25 for 25 men