



# BRITOIL 67

5,400 BHP | 70 TBP | AHTS

**Name of Vessel**  
BRITOIL 67

**Registry / Year of Delivery**  
Singapore / 2006

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

**Type**  
Ocean Going / AHT / Towing  
Tug

**Dimension**  
40.0m x 11.4m x 4.95m

**Draft**  
4.0m (Designed) / 4.4m (Max)

**GRT / NRT / DWT**  
497T / 149T / 284T

**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

**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

**Fuel**  
284 MT (90%)

**Fresh Water**  
57 MT

**Freshwater Maker**  
5 MT/day

**Main Engines & Gearboxes**  
2 x Wartsila 6L26A diesel  
engines producing 2651 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 26 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, Aluminum Nickel in kort  
nozzles **Steering Gear** Electro  
hydraulic, 7T torque

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

**Lube Oil Purifiers**  
Mitsubishi self cleaning lube oil  
purifier SJ-10G

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

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

**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 dia.

**Stern Roller**  
Size: L3.3M, Ø-1.62M  
S.W.L: 140T

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

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

**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