



# BRITOil 73

7,268 BHP | 100 TBP | AHT

**Name of Vessel**  
BRITOil 73

**Registry / Year of Delivery**  
Singapore / 2016

**Type**  
Ocean Going / Anchor Handling /  
Towing Tug / Firefighting

**Classification**  
ABS + A1, (E), + AMS, + AH, +FIFI 1,  
Towing Vessel

**Dimensions**  
52m x 15m x 6.5m

**Min. Working Draft / Max. Draft**  
4.6m / 5.7m

**GRT / NRT / DWT**  
~1721 / ~516 / ~1150

**Clear Deck Space**  
18.0m x 11.0m (Main Deck)

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

**Speed**  
14 knots

**Bollard Pull**  
100T

**Endurance**  
8,000 nautical miles at 13 knots

**Accommodation**  
Fully air conditioned for 24 men

**Lifesaving**  
To meet SOLAS requirement

**Davit & Rescue Boat**  
1 x Harding davit, Model NPDS 1800H,  
SWL 1.8T with Norsafe diesel powered  
rescue boat, Model Midget 530 MKII,  
6 men

**Liferafts**  
4 x 25 men

**Fire-fighting**  
To meet Solas requirement.

**Fire Monitors**  
2 fixed fire monitors of 1,200 m<sup>3</sup>/hr  
each at 123m head capacity.  
2 x fire pump of 1700 m<sup>3</sup>/hr each at  
125m head capacity.

**Oil Dispersant System**  
2 sets spray nozzles, type UOC 600,  
1 1/4" (M) x 1 1/4" (F), brass,  
duty 276 liters at 4.14 bar

**Fuel (90%)**  
707 MT

**Fresh Water**  
285 MT

**Freshwater Maker**  
12 MT/day

**Main Engines & Gearboxes**  
2 x Caterpillar C280-8 diesel  
engines producing 3634 bhp each at  
1000 rpm c/w 2 x Reinjets LAF  
4555 gearboxes, ratio 5.773:1

**Main Generators**  
2 x 1488kw shaft alternator,  
400v/3/50Hz,  
2 x 800kW, 400v/3/50Hz, Caterpillar  
Model C32 diesel driven,  
2 x 450kW, 400v/3/50Hz, Caterpillar  
Model C18 diesel driven,

**Emergency / Harbour Generator**  
1 x 118kW, 400v/3/50Hz, Caterpillar  
Model C6.6 diesel driven

**Main Engine Consumption**  
20,000 litres MGO per 24 hours at  
full power.  
12,500 litres MGO per 24 hours at  
economic cruising speed of 10  
knots

**Generator Consumption**  
1200 litres MGO per 24 hours

**Propulsion**  
2 x 3250mm diameter, 4-bladed  
CPP propeller Cu-Ni-Al bronze in kort  
nozzles

**Fuel Trax System**  
NCS model FuelTrax GS150-2

**Fuel Oil Purifier**  
Mitsubishi self cleaning fuel oil  
purifier SJ-10G

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

**Bow Thruster**  
1 Bow thruster, Brunvoll FU-63-LTC-  
1550, 570kW, 8T thrust

**Steering Gear**  
Electro hydraulic, 12T torque

**Towing/Anchor Winch**  
Brattvaag double drum waterfall type  
SL250W-2T hydraulic winch with  
remote controls in wheelhouse  
250T pull at 0-11 m/min  
152T pull at 0- 18m/min  
103T pull at 0-27m/min  
Wire Capacity:-  
1200m x 67 mm diameter  
Brake holding: 350T

**Wire Storage Reels**  
2 x Brattvaag, 8.8T line pull at  
0-42.6 m/min, storage reels will  
contain 1200M x 67mm diameter

**Tugger Winches**  
2 x Brattvaag, 20T line pull at  
0-14 m/min

**Shark jaws / Towing pins**  
1 x Triplex guide pins, type S-200,  
SWL 200T  
2 x Karmfork shark jaws, MBL 300T  
1 x Triplex shark jaw, type H-350-N,  
SWL 350T

**Anchor Windlass**  
1 x Brattvaag Hydraulic,  
15T at 0-23m/min

**Anchors**  
2 x 2,100kg stockless anchors

**Anchor Chain**  
2 x 385m x 36mm diameter U3 steel  
stud link chain

**Stern Roller**  
Size: 5.16M, Ø-2.0M  
S.W.L: 300T

**Crane**  
Sormec Marine Crane, Model  
M250/3S,  
SWL 2.5T at 25m

**Radar**  
2 x X-band Radar.  
Furuno Model FAR 2117

**EDCIS**  
Furuno Model FMD-3200 with 2 sets of  
19" LCD

**GMDSS Radio Console**  
FURUNO model RC-1800T-25, A1-2-3  
radio package. Complete with:  
-1x HF/MF SSB radiotelephone,  
FURUNO model FS-2570 (250W);  
-2x INMARSAT C terminal (one with  
SSAS), FURUNO model FELCOM-15

**VHF**  
2 x VHF/DSC marine radio telephones.  
FURUNO model FM-8800S (25W)

**Gyro & Automatic Pilot**  
1 x Gyro, TKC TG8000;  
1 x Autopilot, Anschuetz NP 60 for  
double rudders.

**Other Navigation and  
Communication Equipment**  
EPIRB, Radar Transponders, Navtex  
Receiver, Weather Facsimile, GPS  
Navigator, Anemometer, Echo Sounder,  
Speed log, AIS, Simrad Cx44 GPS  
Chart Plotter, Omni-Direction TV  
System, P.A./Talk Back System,  
Common Battery Powered Telephone,  
Automatic Telephone System, Mini-  
Vsat. System, ICOM VHF Radio-  
telephones, VHF Walkie-Talkie.

**CCTV**  
GALAZ-C, 4 x camera, 2 x monitor

**Joystick**  
Kongsberg cJoy

**Fendering**  
Flat bar doubler plates of 450mm x  
20mm cross section welded to side  
shell