



BRITOil 66

5,400 BHP | 70 TBP | AHTS

Name of Vessel

BRITOil 66

Registry / Year of Delivery

Singapore / 2007

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/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

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

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