



BRITOIL 41

11000 BHP | 143T | AHTS

Name of Vessel

BRITOIL 41

Registry

Singapore

Year of Deliver

2007

Type

Ocean Going / Anchor Handling / Towing Tug

Classification

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

Dimension

60.0m x 17.8m x 7.5m

Draft

6.0m (Design) / 6.3m (Max)

Clear Deck Space

25.0 m x 14.0m

Deck Strength

Main Deck – 5.5 T/M²

GRT / NRT / DWT

2610T / 783T / 1545T

Speed

15 knots

Bollard Pull

150T

Endurance

35 days

Accommodation

Fully air conditioned for 28 men
Complement: 16 men
Pax: 12 men

Lifesaving

Comply to SOLAS requirement

Fresh Water

386 MT

Freshwater Maker

20 MT/day

Fuel

MGO – 1085 MT

Rig Chain Locker

2 x 103 m³ (4.8m x 4.9m x 4.4m)

Main Engine & Gearbox

2 x 5500 BHP Ulstein Bergen Propulsion Engine Type BRM-9 MCR: 11000 BHP @ 750 RPM c/w
Gearbox of 5.69:1 ratio

M.E Consumption

42,144 liters MGO and 100 liters lube oil per 24 hours @ full power. 31,608 liters MGO and 75 liters lube oil per 24 hours @ economic cruising speed of 10 knots

Generator

3 x 800kW, 3508B 415/3/50. Diesel driven generator.
Emergency Generator: 1 x 300 kW, CAT 3408 Dita 415/3/50, radiator cooled
Shaft Alternator: 2 x 1400kW

Generator Consumption

600 Ltrs MGO & 15 Ltrs L.O / 24 hours

Propulsion

2 x ULSTEIN C.P Propulsion System Type 1500 AGSC-KP25-950/4 c/w 4.2mm dia., 4 bladed propeller in kort nozzle

Steering Gear

Ulstein Tenfjord Electro hydraulic steering gear, Type: 2 x SR662.
Torque: 136 kn m each

Lube Oil Purifiers

2 x Mitsubishi self cleaning purifier with capacity of 2900 liter/hr

MGO Purifiers

2 x Mitsubishi self cleaning fuel oil purifier for MGO, with capacity of 2900 liter/hr

Kamfork Sharkjaws & Guide Pin

Type: 130554 w/ bollard pull to 160T and safe capacity of chain/wire w/ size of 102mm and SWL of 500 MBL

Bow Thruster / Stern Thruster

3 x Brunvoll C.P transverse thruster, 2 Bow, 1 Stern
Type: FU-63-LTC-1550-650kW.
Thrust: 9.1T

Deck Crane

North American Offshore Crane Model MCT2-2581 2.65T at 24.5m rad. 9.0T at 12m rad.

Anchors

2 x 2280Kg Stockless Bower anchor

Anchor Windlass

1 x BRATTVAG Hydraulic windlass. Type: BFMG 63.048.
Duty of capable lifter. 10T pull @ 0-15m/min

Anchor Chain

2 x 440m x 48mm dia. U2 steel stud link chain

Towing/Anchor Winch

BRATVAAG triple drum waterfall hydraulic winch

Type: BSL 350 WX/2SL 350WX with remote control in wheelhouse

- At low gear (AH & towing drum)
Line pull 1st layer: 350T at 0-9m/min
At low gear Top layer: 150T, 0-20.8m/min
- At high gear
Line pull: 1st layer: 130T at 0-24.5m/min
Line pull: Top layer: 56T at 0-56m/min
Wire Cap: 2 x 2000m 83mm dia
1 x 5390m x 83mm dia wire
Brake holding: 500T on 1st layer

Tugger Winch

2 x BRATVAAG Hydraulic ,Type: AKM 6318. 18T line pull at 0-43m/min

Capstan

2 x BRATVAAG Hydraulic Capstan 15T line pull at 0-22m/min

Wire Storage Reels

2 x 20T line pull at 0-35m/min hydraulic wire storage reels of 200m x 83mm dia. wire capacity



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Stern Roller

Size: L-8.05M, Ø-2.4M
S.W.L: 300T

Sewage Treatment Plant

Taiko Kikai SBT-40 for 40 men

Fendering

Flat doubler plates of 24" x 25mm cross section welded to side shell. Bow plate of approx. 50mm thick section secured vertically

Liferaft

4 x 30 men
Rescue/workboat 1 x 6 persons

Gyro & Automatic Pilot

1 x Gyro-Tokimerc TG-6000
Autopilot – Furuno NAV Pilot-500

Radar

1 x FURUNO model FR-2125 c/w 6.5ft scanner, 21" CRT display. 0.25-96 nm range c/w performance monitor

SSB

Radio console, FURUNO model RC-1800-IT-25-250, 24V DC/220V AV 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

Weather Facsimile

1 x FURUNO Fax-207

Other Navigation Equipment

Inmarsat-C, Inmarsat Mini-M, EPIRB, Radar Transponder, Talk Back/P.A. System, Fog Horn Signal, Navtex Receiver, DGPS Navigator, Echo Sounder, Speed Log, Anemometer, SSAS, GMDSS Hand Held VHF Radio, AIS, Common Battery Telephone System, TV Antenna System, CCTV Ssystem.

External Firefighting

Fifi 1
Pump: 2 x 1500 m³/hr @ 14 bars

Fire Monitors

Water Monitor: 2 x 1200 m³/hr
Foam Monitor: 1 x 200 m³/hr both of manual and remote control and capable of 360° rotation

Dispersant Booms

2 x 8m Dispersant Booms Fitted