



Service with Energy

# HOS RESOLUTION

## Offshore Supply Vessel



### DIMENSIONS AND REGULATORY INFORMATION

<b>Length:</b>	257 ft 0 in (78.3 m)	<b>Beam:</b>	54 ft 0 in (16.5 m)	<b>Draft Max:</b>	14 ft 10 in (4.52 m)
<b>Gross:</b>	1,997 GT	<b>Net :</b>	599 NT	<b>Draft Min:</b>	8 ft 0 in (2.44 m)
<b>IMO:</b>	9472335	<b>O.N.:</b>	1205144	<b>Flag:</b>	U.S.
<b>Certifications:</b>	Oceans-SOLAS, SIP, USCG Subchapter I, USCG Subchapter L				
<b>Classifications:</b>	Loadline, American Bureau of Shipping, +DPS-2, +A1, +AMS, ACC, OSV				

### PERFORMANCE

<b>Max Speed:</b>	14.0 kts	250 gal/hr (946 l/hr)
<b>Cruise Speed:</b>	10.0 kts	90 gal/hr (341 l/hr)

### PROPULSION, MACHINERY AND STEERING

<b>Main Engines:</b>	2 x Caterpillar 3516	<b>Total Horsepower:</b>	6,000 bhp
<b>Propellers:</b>	CPP, High Efficiency, 4-Blade	<b>Propeller Diameter:</b>	106in (2,692mm)
<b>Primary Generators:</b>	3 x Caterpillar C 18	<b>Total Rating:</b>	1,020 kW
<b>Bow Thruster:</b>	2 x Brunvoll CPP Tunnel	<b>Total Horsepower:</b>	1,900 hp
<b>Stern Thruster:</b>	1 x Brunvoll CPP Tunnel	<b>Total Horsepower:</b>	950 hp
<b>Rudder:</b>	Independent Steering, Schilling Fishtail	<b>Power Generation:</b>	480V/60 Hz/3-Phase

### CAPACITIES AND DELIVERY RATES

<b>Deadweight:</b>	2,751 LT (2,795 MT)	<b>Deck Area:</b>	161ft x 45ft (7,245ft <sup>2</sup> ) 49.1m x 13.7m (673.1m <sup>2</sup> )
<b>Deck Cargo:</b>	1,984 LT (2,016 MT)	<b>Deck Load Rating:</b>	1,024 lbs/ft <sup>2</sup> (5 MT/m <sup>2</sup> )
<b>Dry Bulk:</b>	7,800 ft <sup>3</sup> (221 m <sup>3</sup> )	<b>System Pressure:</b>	80 psi (5.5 bar)
<b>Brine:</b>	8,240 bbl (1,310 m <sup>3</sup> )	<b>Discharge Rate:</b>	407 GPM (93 m <sup>3</sup> /hr)
<b>Liquid Mud:</b>	8,240 bbl (1,310 m <sup>3</sup> )	<b>Discharge Rate:</b>	407 GPM (93 m <sup>3</sup> /hr)
<b>Potable Water:</b>	30,850 gal (117 m <sup>3</sup> )	<b>Discharge Rate:</b>	550 GPM (125 m <sup>3</sup> /hr)
<b>Rig Fuel:</b>	145,500 gal (551 m <sup>3</sup> )	<b>Discharge Rate:</b>	550 GPM (125 m <sup>3</sup> /hr)
<b>Rig Water:</b>	302,850 gal (1,146 m <sup>3</sup> )	<b>Freezer Area:</b>	400 ft <sup>3</sup> (11 m <sup>3</sup> )
<b>Cooler Area:</b>	400 ft <sup>3</sup> (11 m <sup>3</sup> )	<b>Total Flow Rate:</b>	3,000 gal/min (682 m <sup>3</sup> /hr)
<b>Off-ship Firefighting Monitors:</b>	1		

### ELECTRONICS

AIS, Auto Pilot, C-Nav, CCTV Cameras, Cyscan, Depth Sounder, DGPS w/ AIS, DSDL, EPIRB, GMDSS "A3", Gyro Compass, Joystick Control, L-3 NMS 6000, Mag Compass, MAMS/VMS, Navtex, Public Phone System w/ loudhailer, SARTs, SSAS, VHF Radio, VHF Radio (Handheld), Windbird, X-band Radar

### ACCOMMODATIONS

11 air conditioned/heated staterooms certified for 24 person berthing.

### SPECIAL FEATURES

10 MT Deck Tugger, Bulk Compressor Air Dryer, Crane: 20t @ 10', Bulk Mud Ventilation Dust Filtering System, Electric Paddle Agitators (LM Tanks #6 & #8 P/S)

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