



Service with Energy.

# HOS CORNERSTONE

## 240 Offshore Supply Vessel



### DIMENSIONS AND REGULATORY INFORMATION

<b>Length:</b>	238 ft 0 in (72.5 m)	<b>Beam:</b>	54 ft 0 in (16.5 m)	<b>Draft Max:</b>	12 ft 10 in (3.91 m)
<b>Gross:</b>	1,549 GT	<b>Net :</b>	464 NT	<b>Draft Min:</b>	8 ft 0 in (2.44 m)
<b>IMO:</b>	9227065	<b>O.N.:</b>	1091051	<b>Flag:</b>	U.S.
<b>Certifications:</b>	Oceans-SOLAS, SIP, USCG Subchapter L				
<b>Classifications:</b>	Loadline, American Bureau of Shipping, +DPS-2, +A1, +AMS				

### PERFORMANCE

<b>Max Speed:</b>	12.0 kts	191 gal/hr (723 l/hr)
<b>Cruise Speed:</b>	10.0 kts	150 gal/hr (568 l/hr)

### PROPULSION, MACHINERY AND STEERING

<b>Main Engines:</b>	2 x Caterpillar 3516B	<b>Total Horsepower:</b>	4,000 hp
<b>Propellers:</b>	FPP, High-Efficiency, 5-Blade	<b>Propeller Diameter:</b>	96in (2,438mm)
<b>Primary Generators:</b>	3 x Caterpillar 3406	<b>Total Rating:</b>	780 kW
<b>Bow Thruster:</b>	2 x Brunvoll CPP Tunnel	<b>Total Horsepower:</b>	1,200 hp
<b>Stern Thruster:</b>	1 x Brunvoll CPP Tunnel	<b>Total Horsepower:</b>	250 hp
<b>Rudder:</b>	Independent Steering, Schilling Fishtail	<b>Power Generation:</b>	480V/60 Hz/3-Phase

### CAPACITIES AND DELIVERY RATES

<b>Deadweight:</b>	2,259 LT (2,295 MT)	<b>Deck Area:</b>	186ft x 45ft (8,370ft <sup>2</sup> ) 56.7m x 13.7m (777.6m <sup>2</sup> )
<b>Deck Cargo:</b>	1,925 LT (1,956 MT)	<b>Deck Load Rating:</b>	1,024 lbs/ft <sup>2</sup> (5 MT/m <sup>2</sup> )
<b>Dry Bulk:</b>	8,400 ft <sup>3</sup> (238 m <sup>3</sup> )	<b>System Pressure:</b>	80 psi (5.5 bar)
<b>Brine:</b>	6,280 bbl (998 m <sup>3</sup> )	<b>Discharge Rate:</b>	407 GPM (93 m <sup>3</sup> /hr)
<b>Liquid Mud:</b>	6,280 bbl (998 m <sup>3</sup> )	<b>Discharge Rate:</b>	407 GPM (93 m <sup>3</sup> /hr)
<b>Potable Water:</b>	48,630 gal (184 m <sup>3</sup> )	<b>Discharge Rate:</b>	550 GPM (125 m <sup>3</sup> /hr)
<b>Rig Fuel:</b>	119,950 gal (454 m <sup>3</sup> )	<b>Discharge Rate:</b>	550 GPM (125 m <sup>3</sup> /hr)
<b>Rig Water:</b>	221,825 gal (840 m <sup>3</sup> )	<b>Discharge Rate:</b>	550 GPM (125 m <sup>3</sup> /hr)
<b>Rig Water/Rig Fuel:</b>	31,560 gal (119 m <sup>3</sup> )	<b>Discharge Rate:</b>	550 GPM (125 m <sup>3</sup> /hr)
<b>Fuel:</b>		<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>Off Ship Firefighting Monitors:</b>	1		
<b>Total Flow Rate:</b>	1,250 gal/min (284 m <sup>3</sup> /hr)		

### ELECTRONICS

Auto Pilot, C-Nav, Depth Sounder, DGPS, EPIRB, Fanbeam, GMDSS "A3", Gyro Compass, Joystick Control, Loudhailer, Mag Compass, MAMS/VMS, Navtex, Public Address system, SARTs, Single Side Band, VHF Radio, VHF Radio (Handheld), Windbird, X-band Radar, Kongsberg DP

### ACCOMMODATIONS

6 air conditioned/heated staterooms certified for 14 person berthing.

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