3200 Open
Twin Volvo® D6 Diesels, 370hp

PERFORMANCE REPORT

Date tested: 8/12/2004 Test Engineer: Mike Ward

Hull Number: SSUR3076F405
Location: Holland, MI - Lake Macatawa
Weather: Overcast
Water / Air Temp: 70 / 69

Propeller: Michigan EPX-300 20 x 26 x .70DAR #7 Cup Nibral
Gear: ZF HS80A Gear Ratio: 1.96 : 1
Fuel Capacity: 256 gallons
Fuel/Water/Waste: 100%/100%/100%
People on Board: 2 people
Gear on Board: 150 lbs.

PERFORMANCE:	
Acceleration:	12.3 seconds to 3200 RPM
	19.5 seconds to 3500 RPM
Optimum Cruise Speed (mph):	27.8 @ 2800 / 34.9 @ 3300
Range at Optimum Cruise (statute miles):	289 @ 2800 / 257 @ 3300

RPM	MPH	Knots	GPH	MPG	dB,A	Trim Angle	Estimated Range (Statue Miles)
600	5.2	4.5	0.5	9.65	63	0.1	2224
806	6.6	5.7	1.0	6.40	69	0.5	1475
1005	7.6	6.6	1.9	3.91	73	0.8	901
1510	10.0	8.7	4.9	2.03	80	3.0	467
2000	12.7	11.1	12.3	1.04	87	7.1	239
2490	21.4	18.6	18.6	1.15	86	9.0	265
2790	27.8	24.1	22.2	1.25	87	7.7	289
3000	31.0	26.9	25.3	1.22	87	7.1	282
3210	33.7	29.2	29.0	1.16	89	6.4	267
3290	34.9	30.3	31.2	1.12	88	6.5	257
3400	36.1	31.3	33.8	1.07	89	6.0	246
3500	37.1	32.2	36.0	1.03	89	6.0	237
3630	38.5	33.5	40.8	0.94	90	6.0	218

Comments: Boat equipped with factory hardtop.
All data is the average of two direction runs (East & West)

Note:
Speed determined by GPS, GPH based on the total usage for the engines. MPG computed from MPH and GPH figures shown. Range based on calculated MPG and 90% of total fuel capacity. The Performance data shown above should be considered valid only for the specific boat whose serial number is shown and on the date this test was performed. Many factors may affect actual performance obtained on this boat or on similar boats. These include but are not limited to, installation of certain options such as tuna towers, hard tops, vessel loading and trim, weather and sea conditions, engine and boat condition, propeller condition, water temperature, altitude, manufacturing tolerances, etc. Tiara Yachts make no guarantees whatsoever that this performance will be repeated on this boat at a later date or at any time on a similarly equipped boat. Horsepower ratings are determined using the Society of Automotive Engineers (SAE) method of calibration.