

**Tiara 39 Coupe™**  
**Twin Volvo IPS500**

EFFECTIVE HIN XE069



**PERFORMANCE REPORT**

Date tested: 1/27/2020 Test Engineer: Chris Caropepe  
 Mike Ward

Hull Number: SSUXE070K920  
 Location: Clearwater, FL ICW  
 Weather: Partly cloudy Wind SE 0-5 / Waves < 1'  
 Water / Air Temp: 60 /65

Propeller: Volvo T4  
 Gear & Gear Ratio: IPS 10 1.85:1  
 Fuel Capacity: 300 gallons  
 Fuel/Water/Waste: 100%/100%/100%  
 People on Board: 3  
 Gear on Board: 650 LBS Includes personnel and test equipment  
 Boat Test Weight 24712 LBS

<b>PERFORMANCE:</b>	
Acceleration:	4 Seconds idle to 20 smph / 8 Seconds idle to 30 smph
Optimum Cruise Speed:	35.0 mph @ 3300 RPM
Range at Optimum Cruise:	255

RPM	MPH	Knots	GPH	SMPG	NMPG	dB,A	Trim Angle (degrees)	Estimated Range (Statute Miles)	Estimated Range (Nautical Miles)
600	4.5	3.9	0.7	6.41	5.57	62	0.0	1732	1505
1000	7.1	6.2	2.1	3.34	2.90	63	0.5	902	784
1500	9.3	8.1	6.4	1.45	1.26	65	1.5	392	341
2000	11.6	10.1	14.3	0.81	0.71	72	6.0	219	191
2200	17.2	14.9	17.0	1.01	0.88	73	6.5	273	237
2400	19.7	17.2	20.1	0.98	0.85	73	6.5	266	231
2600	23.0	20.0	24.0	0.96	0.83	74	6.5	259	225
2800	26.7	23.2	25.9	1.03	0.89	75	6.0	278	242
3000	30.2	26.3	29.8	1.01	0.88	77	6.0	274	238
3100	32.2	28.0	32.1	1.00	0.87	78	2.5	271	235
3200	33.4	29.0	35.6	0.94	0.82	79	5.0	253	220
3300	35.0	30.4	37.1	0.94	0.82	77	5.0	255	221
3400	36.6	31.8	40.0	0.92	0.80	79	4.5	247	215
3500	37.8	32.8	41.9	0.90	0.78	79	4.5	243	212

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.

**This boat has passed the ABYC Quick Turn Test H-26.8.3.1 at WOT.**