

Tiara 39 Coupe™

Twin Cummins QSB 6.7 425hp



PERFORMANCE REPORT

Date tested: 10/13/2015 Test Engineers: Mike Ward
Dave Gunnet

Hull Number: SSUXE016B617
Location: Intracoastal Waterway Ft Pierce FL
Weather: Wind South @ 5mph, Waves Flat
Water / Air Temp: 75 / 75

Propeller: Michigan EQX 22 x 29 .81 EAR
Gears/Gear Ratio: ZF 85A 1.962:1
Fuel Capacity: 300
Fuel/Water/Waste: 100%/100%/100%
People on Board: 4
Gear on Board: 1100 Includes people and gear

PERFORMANCE SUMMARY:

Acceleration: 14 Seconds to 29.7 smph / 16 Seconds to 31.4 smph
Optimum Cruise Speed: 29.7 mph @ 2600 RPM / 31.4 mph @ 2700 RPM
Range at Optimum Cruise: 230 / 229

RPM	MPH	Knots	GPH	Statute MPG	Nautical MPG	dB,A	Trim Angle (degrees)	Estimated Range (Statute Miles)	Estimated Range (Nautical Miles)
600	6.0	5.3	0.6	10.08	8.76	68.0	0.0	2722	2365
800	7.4	6.5	1.4	5.20	4.52	68.0	0.0	1403	1219
1000	8.5	7.4	3.1	2.75	2.39	72.0	0.5	743	646
1200	9.6	8.3	4.7	2.06	1.79	76.0	1.5	557	484
1400	10.4	9.0	7.3	1.42	1.23	78.0	2.0	384	333
1600	11.0	9.6	11.7	0.94	0.82	76.0	4.5	255	222
1800	13.1	11.4	16.0	0.82	0.71	77.0	6.0	221	192
2000	18.7	16.3	18.9	0.99	0.86	77.0	5.8	268	233
2200	22.2	19.3	21.7	1.03	0.89	78.0	6.5	277	241
2400	26.3	22.9	26.3	1.00	0.87	79.0	7.0	271	235
2600	29.7	25.8	30.3	0.98	0.85	78.0	6.5	265	230
2700	31.4	27.3	32.2	0.98	0.85	79.0	6.3	263	229
2800	33.1	28.8	34.4	0.96	0.84	79.0	6.0	260	226
2900	34.5	30.0	37.3	0.92	0.80	81.0	6.0	249	217
3000	35.6	31.0	40.4	0.88	0.77	81.0	5.8	238	207
3050	36.4	31.6	41.9	0.87	0.76	81.0	5.5	235	204

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

Note:

Speed determined by GPS, GPH based on the total usage of 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.