44 Coupe
Twin Cummins® QSB6.7 Diesels, 550hp

PERFORMANCE REPORT

Date tested: 7/13/2015 Test Engineers: Chris Caropepe, Dan Schaeffer

Hull Number: SSUXB032F515
Location: Holland MI Lake Michigan
Weather: Wind SSW @10 MPH - Waves 1'-3'
Water / Air Temp: 61 / 75

Propeller: 24 X 33 EQX
Gears/Gear Ratio: ZF 286 2.391:1
Fuel Capacity: 350 gallons
Fuel/Water/Waste: 100%/100%/100%
People on Board: 4
Gear on Board: 1,000 lbs. Includes people and gear

PERFORMANCE SUMMARY:	
Acceleration:	13.91 seconds to 26 smph / 20.3 seconds to 32 smph
Optimum Cruise Speed:	26 mph @ 2800 RPM / 32 mph @ 3100 RPM
Range at Optimum Cruise:	194 / 182 Nautical Miles

RPM	MPH	Knots	GPH	Statute MPG	Nautical MPG	dB,A	Trim Angle (degrees)	Estimated Range (Statute Miles)	Estimated Range (Nautical Miles)
600	4	3.7	2	2	2	60	1.0	1345	1169
800	6	5.0	2	3	2	60	1.0	1285	1116
1000	7	6.4	3	2	2	62	1.0	768	667
1200	8	7.4	4	2	2	63	1.5	668	580
1400	10	8.5	7	1	1	68	2.0	441	383
1600	11	9.6	10	1	1	68	2.5	347	301
1800	11	10.0	15	1	1	69	4.5	239	208
2000	13	11.3	19	1	1	73	6.0	215	187
2200	16	13.9	23	1	1	73	7.5	224	195
2400	19	16.8	28	1	1	72	7.5	218	190
2600	23	19.8	32	1	1	74	8.5	223	194
2800	26	22.8	37	1	1	75	7.0	223	194
3000	30	25.8	43	1	1	77	6.0	218	189
3100	32	27.4	47	1	1	78	6.0	210	182
3200	33	28.3	51	1	1	80	6.0	202	175
3300	34	29.8	55	1	1	82	6.0	197	171
3325	36	31.1	57	1	1	81	5.5	198	172

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.