

TIARA YACHTS 43 LS

Triple Yamaha XF 425



PERFORMANCE REPORT

Date Tested: 5/21/19 Test Engineers: Josh Koetsier, Mike Mitchell

Hull Number: SSUKD001E920
 Location: Lake Michigan, Holland, MI
 Weather: Wind E @ 5-10
 Water / Air Temp: 45 / 60

Propeller: Yamaha XTO Offshore 16.625 x 19 XTO 3-Blade SS
 Gears/Gear Ratio: 1.79:1
 Fuel Capacity: 400 gal
 Fuel/Water/Waste: 100% / 100% / 100%
 People on Board: 2
 Gear on Board: 430 lbs Includes people and gear
 Weight as Tested: 25,298 lbs

PERFORMANCE SUMMARY:

Acceleration: 0-30 = 8.8 Seconds
 Optimum Cruise Speed: 32.6 mph @ 4000 RPM
 Range at Optimum Cruise: 267 Statute Miles

RPM	MPH	Knots	GPH	Statute MPG	Nautical MPG	dB,A	Trim Angle (degrees)	Estimated Range (Statute Miles)	Estimated Range (Nautical Miles)
600	3.6	3.2	2.6	1.39	1.21	61.5	0.0	502	436
1000	6.1	5.3	5.5	1.11	0.97	63.5	0.6	400	348
1500	8.7	7.6	7.6	1.14	0.99	68.5	1.3	411	357
2000	11.0	9.5	12.0	0.92	0.80	73.0	2.7	330	287
2500	13.3	11.6	17.5	0.76	0.66	78.0	4.4	275	239
3000	18.2	15.8	23.7	0.77	0.67	81.0	5.0	276	240
3500	24.1	20.9	33.7	0.71	0.62	84.0	6.5	257	223
4000	32.6	28.3	43.9	0.74	0.65	85.0	5.4	267	232
4500	39.0	34.0	55.0	0.71	0.62	86.5	4.7	256	222
5000	44.6	38.7	68.4	0.65	0.57	88.0	4.2	234	204
5500	49.8	43.3	84.0	0.59	0.52	89.5	4.6	213	185
6067	54.6	47.5	111.4	0.49	0.43	91.5	4.3	177	153

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

Notes:
 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 gyros, vessel loading and trim, weather and sea conditions, engine and boat condition, propeller condition, water temperature, altitude, manufacturing tolerances, etc. Tiara Sport makes 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.