34LX // Twin Mercury 425 Verado V10 5.7L

TIARA YACHTS

PERFORMANCE REPORT

Date tested: 10/2/2025

Test Engineer: Tim Slikkers
Josh Koetsier
Jason Romig

Hull Number: SSUBA125I526
Location: Lake Michigan - Holland MI
Weather: Sunny - Wind SE 5-10 - waves <1'
Water / Air Temp: 64 / 72

Propeller: Revoultion X 22P
Gear & Gear Ratio: 2.08:1
Fuel Capacity: 200 gallons
Fuel/Water/Waste: 100/100/100
People on Board: 3
Gear on Board: 625 lbs Includes personnel and test equipment
Weight as tested: 16800 lbs
Engine Mounting: Hole 5

PERFORMANCE:
Acceleration: Idle-30 =10.3 seconds
Optimum Cruise Speed: 33.1 mph @ 4500 RPM / 40.4 mph @ 5000 RPM
Range at Optimum Cruise: 173 / 168 Statute Miles

RPM	MPH	Knots	GPH	SMPG	NMPG	dB,A	Trim Angle (degrees)	Estimated Range (Statute Miles)	Estimated Range (Nautical Miles)
649	3.8	3.3	1.8	2.08	1.81	N/A	0.0	375	326
998	5.5	4.8	3.1	1.76	1.53	N/A	0.2	317	275
1498	8.0	7.0	5.4	1.49	1.29	N/A	0.5	268	233
1997	9.9	8.6	9.7	1.02	0.89	N/A	1.8	184	160
2500	11.4	9.9	12.1	0.94	0.82	N/A	3.0	170	148
3009	13.4	11.7	15.9	0.84	0.73	N/A	3.6	152	132
3503	17.8	15.4	20.9	0.85	0.74	N/A	5.2	153	133
4003	23.3	20.3	26.9	0.87	0.75	N/A	6.2	156	135
4503	33.1	28.8	34.4	0.96	0.84	N/A	4.1	173	151
4992	40.4	35.1	43.2	0.94	0.81	N/A	3.8	168	146
5503	47.1	40.9	53.5	0.88	0.76	N/A	3.4	158	138
5970	51.9	45.1	62.2	0.83	0.73	N/A	2.7	150	131
6401	55.1	47.9	70.2	0.78	0.68	N/A	3.1	141	123

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 which represents a 10% reserve. 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.

This boat is equipped with the optional generator and gyro.