

38LS



Triple Mercury
400 Verado V10 5.7L



PERFORMANCE REPORT

Date Tested: 8/26/2022 Test Engineers: Dan Schaeffer, Nate Engel, Jason Romig

Hull Number: SSUKB197H223
Location: Lake X, St.Cloud, FL
Weather: Sunny, Wind SW 5 mph, Ripples
Water / Air Temp: 70 / 85

Propeller: Mercury Revolution X 21" pitch
Gears/Gear Ratio: HD Camber 2.08
Fuel Capacity: 331 Gallons
Fuel/Water/Waste: 100% / 100% / 100%
People on Board: 3
Gear on Board: 750 lbs Includes people and gear
Weight as Tested: 22600
Engine Mounting: Engines - Hole 5

PERFORMANCE SUMMARY:

Acceleration: 0-30 = 8.71 Seconds
Optimum Cruise Speed: 39.4 mph @ 4500 RPM
Range at Optimum Cruise: 247 Statute Miles

RPM	MPH	Knots	GPH	Statute MPG	Nautical MPG	dB,A*	Trim Angle (degrees)	Estimated Range (Statute Miles)	Estimated Range (Nautical Miles)
600	5.7	5.0	2.8	2.04	1.77	n/a	0.0	606	527
1000	6.8	5.9	4.9	1.39	1.21	n/a	0.2	413	359
1500	8.7	7.6	8.0	1.09	0.95	n/a	0.3	324	282
2000	10.3	9.0	13.8	0.75	0.65	n/a	1.5	222	193
2500	11.3	9.8	16.8	0.67	0.58	n/a	3.0	200	174
3000	14.0	12.2	23.9	0.59	0.51	n/a	4.3	175	152
3500	21.3	18.5	30.7	0.69	0.60	n/a	4.3	207	180
4000	33.4	29.0	38.6	0.87	0.75	n/a	3.9	258	224
4500	39.4	34.3	47.6	0.83	0.72	n/a	3.2	247	214
5000	44.5	38.7	57.8	0.77	0.67	n/a	3.0	229	199
5500	49.7	43.2	72.8	0.68	0.59	n/a	3.1	203	177
6000	54.2	47.1	86.0	0.63	0.55	n/a	2.2	188	163
6394	58.2	50.6	97.6	0.60	0.52	n/a	2.3	178	154

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

Performance data taken with Seakeeper 3 weight included
Performance report was taken with Active Trim On at Level 3

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 Yachts 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.