

35LS



Twin Mercury 425 Verado V10 5.7L



PERFORMANCE REPORT

Date tested: 5/21/26 Test Engineer: Chris Caropepe
 Luke Tromp
 Jason Romig

Hull Number: KJ001

Location: Lake Michigan - Holland

Weather: Sunny - Wind E 10-15 - waves 1'- 2', W/ 2' swells

Water / Air Temp: 51.3 / 50

Propeller: Mercury Revolution X 4-Blade 22"

Gear & Gear Ratio: 2.08:1

Fuel Capacity: 330 gallons

Fuel/Water/Waste: 100/100/100

People on Board: 3

Gear on Board: 800 lbs Includes personnel and test equipment

Weight as tested: 18933 lbs

Engine Mounting: Hole 2

PERFORMANCE:

Acceleration: Idle-30 =15 seconds

Optimum Cruise Speed: 32.1 mph @ 4500 RPM / 39.8 mph @ 5000 RPM

Range at Optimum Cruise: 242 / 240 Statute Miles

RPM	MPH	Knots	GPH	SMPG	NMPG	dB,A*	Trim Angle (degrees)	Estimated Range (Statute Miles)	Estimated Range (Nautical Miles)
650	3.8	3.3	1.9	1.98	1.72	56.70	0.0	587	510
1000	5.5	4.7	3.4	1.59	1.38	61.90	0.0	473	411
1500	8.0	6.9	5.6	1.43	1.25	67.50	1.0	426	370
2000	9.8	8.5	12.0	0.82	0.71	71.00	2.5	242	211
2500	11.2	9.7	14.2	0.79	0.69	76.70	4.0	235	204
3000	13.2	11.5	19.8	0.67	0.58	77.40	5.0	199	173
3500	17.4	15.2	26.2	0.67	0.58	79.70	6.0	198	172
4000	23.3	20.3	32.9	0.71	0.62	83.00	6.0	211	183
4500	31.2	27.1	38.2	0.82	0.71	83.50	5.5	242	210
5000	39.8	34.6	49.2	0.81	0.70	85.10	5.0	240	209
5500	45.7	39.8	61.6	0.74	0.65	87.10	4.5	221	192
6000	48.5	42.1	66.8	0.72	0.63	89.20	3.5	215	187
6320	51.4	44.7	73.1	0.70	0.61	90.30	3.0	209	182

*NOTE: Sound measurements taken with optional enclosure side panels in place.

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 gyro.