

EX60

Twin Volvo
D13 IPS1350 Diesels, 1000 HP

Tiara

Y A C H T S

PERFORMANCE REPORT

Date tested: 11/30/22 Test Engineer: Mike Mitchell
Tim Mayville
Matt Savelle

Hull Number: SSURE001H223
Location: River, Stuart, FL
Weather: Clear, Light Breeze, Less than 1ft Chop
Water / Air Temp: 74 / 82

Propeller: Volvo Q6
Gear & Gear Ratio: 1.88:1
Fuel Capacity: 700 gallons
Fuel/Water/Waste: 100%/100%/100%
People on Board: 3
Gear on Board: 2381 LBS Includes personnel and test equipment/Tender/Gyro

PERFORMANCE:
Acceleration: Idle-30 = 17 seconds
Optimum Cruise Speed: 28.9 mph @ 1801 RPM / 36.6 mph @ 2107 RPM
Range at Optimum Cruise: 350 Statute Miles / 304 Nautical Miles

RPM	MPH	Knots	GPH	SMPG	NMPG	dB,A	Trim Angle (degrees)	Estimated Range (Statute Miles)	Estimated Range (Nautical Miles)
600	7.6	6.6	3.3	2.31	2.01	62	0.0	1454	1264
1018	9.9	8.6	15.5	0.64	0.56	63	2.5	402	350
1204	10.9	9.5	25.5	0.43	0.37	63	4.3	269	233
1392	17.9	15.6	31.3	0.57	0.50	67	3.9	361	313
1594	23.5	20.5	40.0	0.59	0.51	69	3.8	370	322
1801	28.9	25.1	52.0	0.56	0.48	69	3.3	350	304
1993	33.7	29.3	63.1	0.53	0.46	71	3.2	336	292
2107	36.6	31.8	71.2	0.51	0.45	71	3.5	324	281
2199	39.2	34.1	78.2	0.50	0.44	71	3.4	316	274
2295	41.2	35.9	86.1	0.48	0.42	71	3.3	302	262
2400	43.6	38.0	96.3	0.45	0.39	71	3.2	285	248
2454	46.1	40.1	102.3	0.45	0.39	72	2.7	284	247

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. 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.