BOAT HOUSE BULLETIN

MERCURY

PERFORMANCE SUMMARY

Top Speed
(mph @ rpm)
73.5 mph/6276 rpm

Acceleration
0 - 20 mph (seconds)
6.9

Acceleration
0 - 30 mph (seconds)
12.2



Test Date	Elevation (ft)	Fresh/Salt Water
June 11, 2019	351	Freshwater

ENGINE

Number of Engines	4
Engine	450R
Horsepower	450
Cylinders	8
Drive or gear model and ratio	HD Camber 1.6
Engine Height (in)	2.5, 3.4, 3.4, 2.5
Engine Setback (in)	34, 37, 37, 34
Engine Length (in)	20, 30, 30, 20

PROPELLER

Mercury Name	Revolution 4 XP
Material	Stainless Steel
Pitch	22, 22, 22, 22
Number of Blades	4

BOAT

Boat Brand	Formula
Boat Model	430 SSC
Boat Type	Yacht
Boat Material	Fiberglass
Length (ft)	43
Beam (ft)	12
Fuel Tank Capacity (gal)	500
Steering Type	Joystick
Dry Boat Weight (lbs)	25,720

PERFORMANCE

RPM RANGE	SPEED (MPH)	FUEL CONSUMPTION (GPH)	FUEL CONSUMPTION (MPG)	RANGE (MILES)
600	3.3	3.3	1	500
1000	4.5	7.6	0.6	299
1500	9.5	14.2	0.7	334
2000	11.4	24.9	0.5	228
2500	13.7	36.9	0.4	185
3000	19.8	52.7	0.4	188
3500	28.4	60	0.5	237
4000	37.1	61.4	0.6	302
4500	45.7	71	0.6	322
5000	53.2	93.8	0.6	284
5500	68.6	172.3	0.4	199
6000	71	172.5	0.4	206
6400	74.9	179.5	0.4	209

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