

TEST CONDITIONS

Test Date	7/29/2022
Test Conductor	Travis Hayes
Boat Weight as Tested (lbs)	22450
Air Temperature (degrees F)	98
Elevation (ft)	0
Sea State	Moderate
Wind Velocity range (mph)	15
Fresh/Salt Water	Brackish
Fuel Level at Testing (gal)	350

ENGINE SPECIFICATIONS

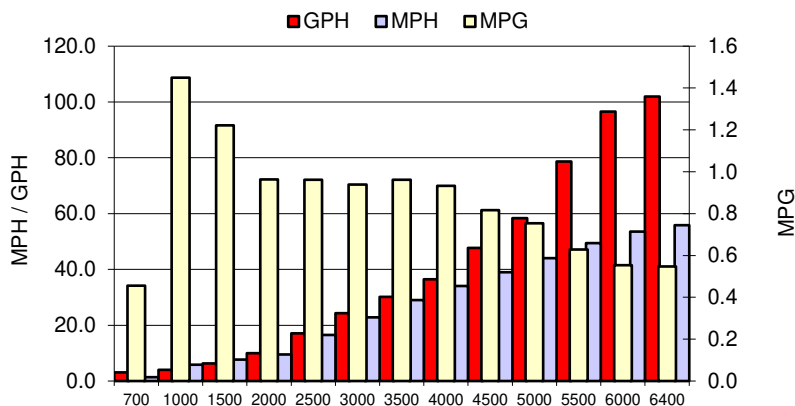
Number of Engines	2
Engine	V12 Verado
Horsepower	600
Cylinders	12
Drive or gear model and ratio	V12 AMS 2.50
Mounting Bolt Hole	2,2
Engine Height (in)	3.3,3.3
Engine Setback (in)	19.0,19.0
Engine Length (in)	20,20

PERFORMANCE SUMMARY

Top Speed (mph @ rpm)	55.8	6287
Acceleration 0 - 20 mph (seconds)	4.28	
Acceleration 0 - 30 mph (seconds)	6.53	

PROPELLER SPECIFICATIONS

Mercury Name	Verado 12
Material	Stainless Steel
Pitch	26.0,26.0
Number of Blades	4/3

PERFORMANCE CURVE

BOAT SPECIFICATIONS

Region/s sold	
Manufacturer	World Cat
Website	
Boat Model	40 DC
Boat Type	Offshore Saltwater
Material	Fiberglass
Length (ft)	39.9
Beam (ft)	12.9
Max hp Capacity	0
Fuel Tank Capacity (gal)	464
Steering Type	Joystick
Dry Boat Weight (lbs)	16500

PERFORMANCE DATA

RPM	SPEED	FUEL CONSUMPTION	FUEL CONSUMPTION	RANGE
RANGE	MPH	GPH	MPG	MILES
700	1.4	3.1	0.5	211
1000	5.9	4.1	1.5	673
1500	7.7	6.3	1.2	567
2000	9.6	9.9	1.0	447
2500	16.5	17.1	1.0	446
3000	22.9	24.4	0.9	436
3500	29.1	30.2	1.0	446
4000	34.1	36.5	0.9	433
4500	39.0	47.7	0.8	379
5000	44.0	58.4	0.8	350
5500	49.4	78.6	0.6	291
6000	53.5	96.6	0.6	257
6400	55.8	101.9	0.5	254
0	0.0	0.0	0.0	0