



285 Conquest®: Twin Mercury® 225 CXL Verado®

Testing Information

Model: 285 Conquest

Hull #: 100 (DV1)

Engine: Twin Mercury
225 Verado

Horsepower: 450

Gear Ratio: 1.85:1

Prop: 15 3/4 x 15 Mirage

Fuel Capacity: 200 gallons

Notable Options: none

Test Date: September 15, 2005

Weight Summary

Dry Weight: 8800 lbs

Fuel: 152 gallons

Water: 30 gallons

Test Gear: 0 lbs

Personnel: 330 lbs

Test Weight: 10315 lbs

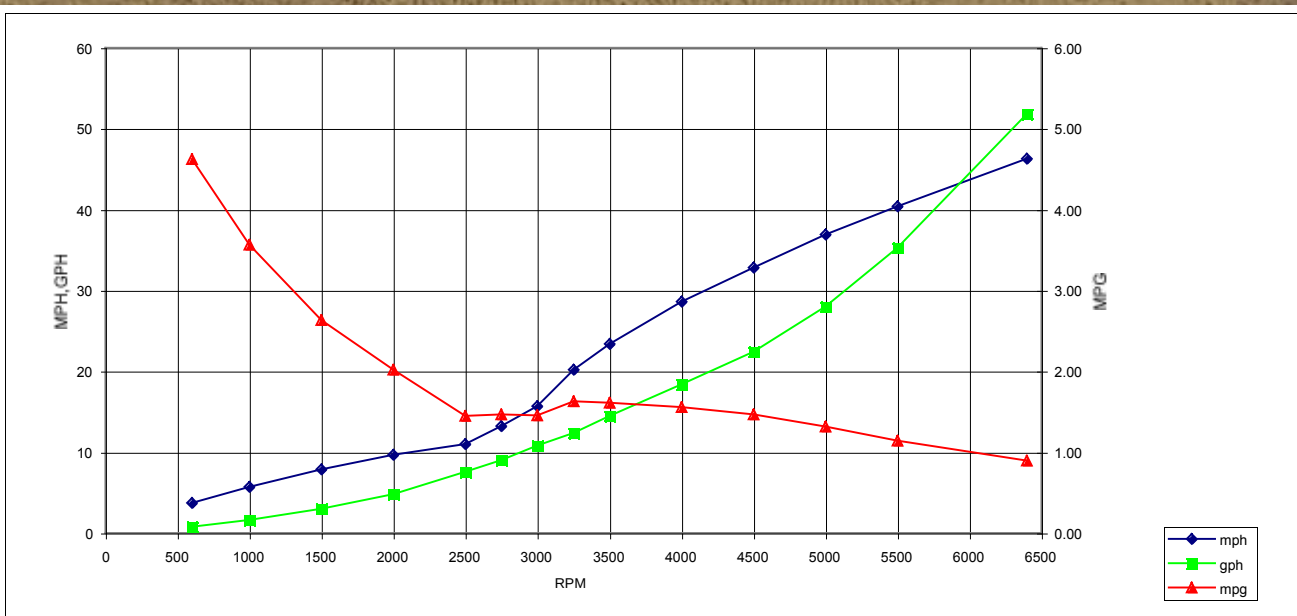
Water Conditions: 85° F

Weather Conditions: 90° F

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	RPM	Speed		gph	Fuel Consumption		range (mi)	Noise dB(A)
		mph	knots		mpg	nmpg		
Idle	600	3.7	3.2	0.8	4.63	4.02	833	52
	1000	5.7	4.9	1.6	3.56	3.09	641	65
	1500	7.9	6.9	3.0	2.63	2.29	474	69
	2000	9.7	8.4	4.8	2.02	1.75	364	71
	2500	11.0	9.6	7.6	1.45	1.26	261	78
	2750	13.2	11.5	9.0	1.47	1.27	264	78
	3000	15.7	13.6	10.8	1.45	1.26	262	78
	3250	20.2	17.5	12.4	1.63	1.41	293	78
	3500	23.4	20.3	14.5	1.61	1.40	290	79
	4000	28.6	24.8	18.4	1.55	1.35	280	82
	4500	32.8	28.5	22.4	1.46	1.27	264	81
	5000	36.9	32.0	28.0	1.32	1.14	237	84
	5500	40.4	35.1	35.3	1.14	0.99	206	85
	6400	46.3	40.2	51.8	0.89	0.78	161	86
WOT								

Acceleration: time to plane 5.5 secs
Idle - 30 mph 8.0 secs



- Notes: 1) Speed determined by GPS. Fuel consumption based on total usage by the engines. MPG computed from MPH & GPH. Range based on 90% of total fuel capacity.
2) The performance data shown 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 the actual performance of this boat or of similar boats. Such factors include, but are not limited to, installation of certain options such as towers and hard tops, vessel loading and trim, weather and sea conditions, engines condition, propeller condition and hull bottom condition. Boston Whaler makes no guarantee whatsoever that this performance will be repeated on this boat at a later date or at any time on a similarly equipped boat.



285 Conquest®: Twin Mercury® 250 CXL Verado®

Testing Information

Model: 285 Conquest

Hull #: USBWCE1967L708

Engine: Twin Mercury

250 Verado

Horsepower: 500

Gear Ratio: 1.85:1

Prop: 14 5/8 X 17 Rev 4

Fuel Capacity: 200 gallons

Notable Options: none

Test Date: January 29, 2008

Weight Summary

Dry Weight: 8800 lbs

Fuel: 100 gallons

Water: 0 gallons

Test Gear: 0 lbs

Personnel: 360 lbs

Test Weight: 9775 lbs

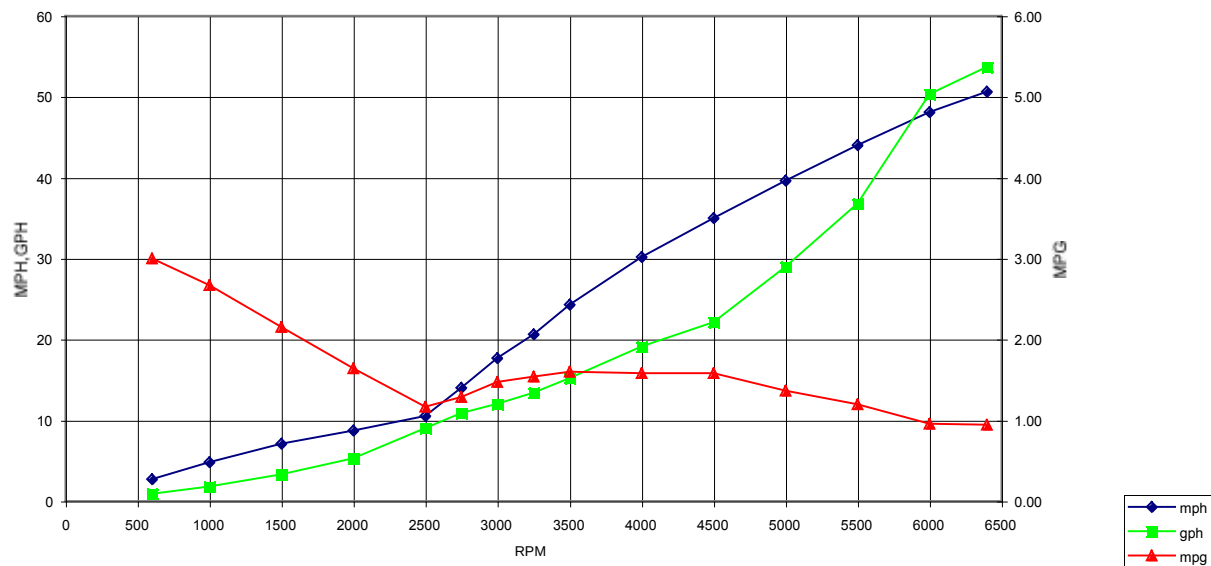
Water Conditions: 61° F

Weather Conditions: 74° F

100808

	RPM	Speed		gph	Fuel Consumption		range (mi)	Noise dB(A)
		mph	knots		mpg	nmpg		
Idle	600	2.7	2.3	0.9	3.00	2.61	540	N/A
	1000	4.8	4.2	1.8	2.67	2.32	480	N/A
	1500	7.1	6.2	3.3	2.15	1.87	387	N/A
	2000	8.7	7.6	5.3	1.64	1.43	295	N/A
	2500	10.5	9.1	9.0	1.17	1.01	210	N/A
	2750	14.0	12.2	10.9	1.28	1.12	231	N/A
	3000	17.7	15.4	12.0	1.48	1.28	266	N/A
	3250	20.6	17.9	13.4	1.54	1.34	277	N/A
	3500	24.3	21.1	15.2	1.60	1.39	288	N/A
	4000	30.2	26.2	19.1	1.58	1.37	285	N/A
	4500	35.0	30.4	22.1	1.58	1.38	285	N/A
WOT	5000	39.6	34.4	29.0	1.37	1.19	246	N/A
	5500	44.0	38.2	36.8	1.20	1.04	215	N/A
	6000	48.1	41.8	50.3	0.96	0.83	172	N/A
	6400	50.6	43.9	53.7	0.94	0.82	170	N/A

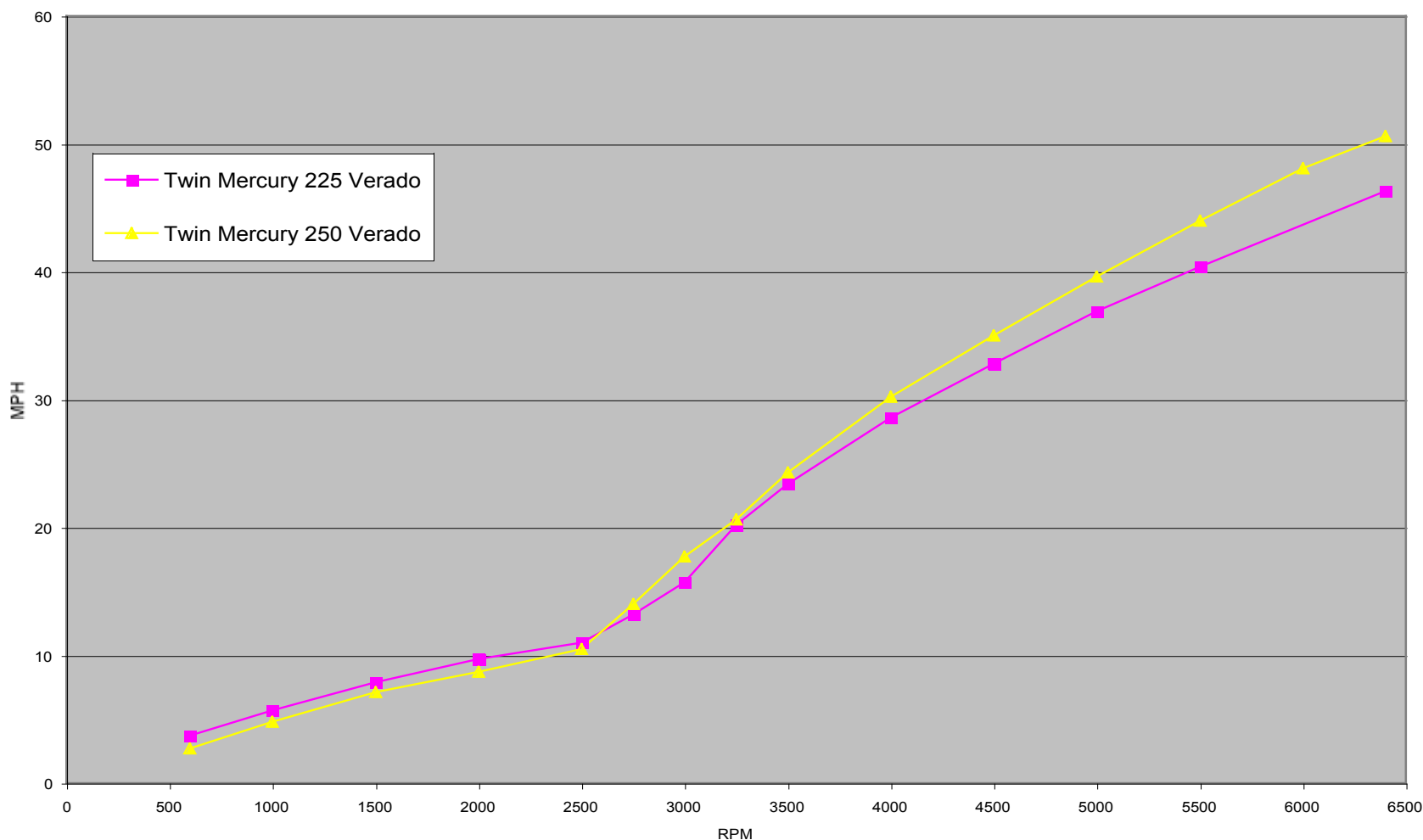
Acceleration: time to plane 5.8 secs
Idle - 30 mph 8.3 secs



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285 Conquest®: Engine Comparison Graph

285 Conquest - Engine Comparison Graph



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