



2020 MODEL YEAR 420 OUTRAGE

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TEST #1 Test Date:
27-January-2015

MODEL	420 Outrage
HULL #	USBWCE0000G415
ENGINE	Quad Mercury 350 Verado
HORSEPOWER	1400
GEAR RATIOS	1.75 : 1
PROP	14 5/8" x 17" Rev 4
FUEL CAPACITY	600 gal.

Notable Options: Joystick piloting, Upper station, Freezer bridge, Starboard cockpit seat

WEIGHT SUMMARY

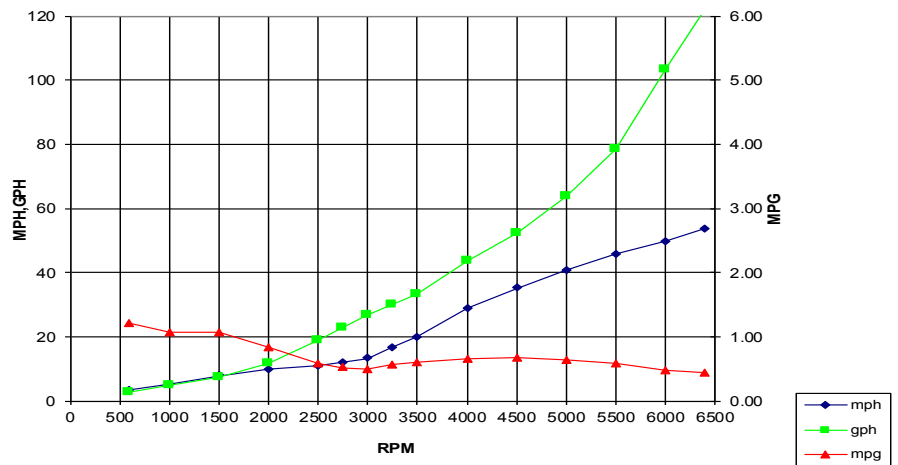
DRY WEIGHT	26,085 lbs
FUEL	350 gal.
WATER	25 gal.
TEST GEAR	25 lbs
PERSONNEL	355 lbs
TEST WEIGHT	28,826 lbs
WATER CONDITIONS	65° F
WEATHER CONDITIONS	55° F



Speed Fuel Consumption

	RPM	mph	knots	gph	mpg	nmpg	range (mi)
Idle	600	3.4	3.0	2.8	1.21	1.05	656
	1000	5.4	4.7	5.0	1.08	0.94	583
	1500	8.0	6.9	7.4	1.08	0.94	584
	2000	9.9	8.6	11.7	0.85	0.73	457
	2500	11.2	9.7	19.0	0.59	0.51	318
	2750	12.0	10.4	22.8	0.53	0.46	284
	3000	13.4	11.6	27.0	0.50	0.43	268
	3250	16.9	14.7	30.0	0.56	0.49	304
	3500	20.2	17.5	33.3	0.61	0.53	328
	4000	29.0	25.2	43.7	0.66	0.58	358
	4500	35.3	30.7	52.2	0.68	0.59	365
	5000	40.8	35.4	64.0	0.64	0.55	344
	5500	45.8	39.8	78.6	0.58	0.51	315
	6000	49.8	43.2	103.2	0.48	0.42	261
WOT	6400	53.6	46.5	122.0	0.44	0.38	237

Acceleration: Time to plane 7.1 secs | Idle - 30 mph - 9.9 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.





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TEST #2 Test Date:
12-August-2019

MODEL	420 Outrage
HULL #	USBWCE0009F920
ENGINE	Quad Mercury 400 Verado (with gyro)
HORSEPOWER	1600
GEAR RATIOS	1.75 : 1
PROP	14 5/8" x 17" Rev 4
FUEL CAPACITY	600 gal.
<i>Notable Options: Joystick piloting, All chain windlass rode, Summer kitchen, Full side glass, Bow table, Cockpit table, Diesel generator, Radar, Cockpit folding seat, 16" electronics, Seakeeper gyro</i>	

WEIGHT SUMMARY

DRY WEIGHT	27,193 lbs
FUEL	340 gal.
WATER	20 gal.
TEST GEAR	25 lbs
PERSONNEL	340 lbs
TEST WEIGHT	29,816 lbs
WATER CONDITIONS	83° F
WEATHER CONDITIONS	86° F

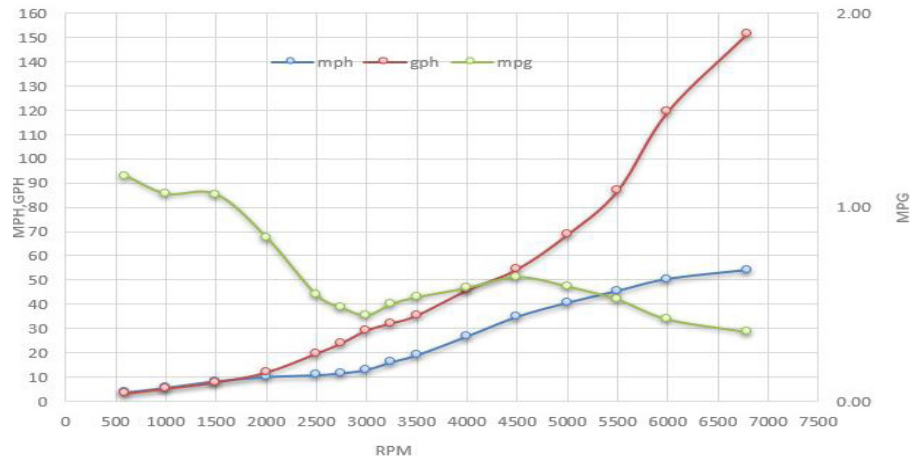


Speed

Fuel Consumption

	RPM	mph	knots	gph	mpg	nmpg	range (mi)
Idle	600	3.7	3.2	3.2	1.16	1.01	626
	1000	5.6	4.8	5.2	1.07	0.93	576
	1500	8.3	7.2	7.8	1.06	0.92	575
	2000	10.0	8.7	11.9	0.84	0.73	456
	2500	10.8	9.3	19.7	0.55	0.48	295
	2750	11.6	10.0	24.0	0.48	0.42	260
	3000	13.0	11.2	29.2	0.44	0.39	239
	3250	16.2	14.0	32.2	0.50	0.44	271
	3500	19.0	16.5	35.4	0.54	0.47	289
	4000	26.7	23.2	45.7	0.58	0.51	315
	4500	34.8	30.2	54.4	0.64	0.56	345
	5000	40.6	35.2	68.6	0.59	0.51	319
	5500	45.5	39.5	86.8	0.52	0.45	283
	6000	50.4	43.7	119.4	0.42	0.37	228
WOT	6800	54.1	47.0	151.7	0.36	0.31	193

Acceleration: Time to plane 11.4 secs | Idle - 30 mph - 10.8 secs



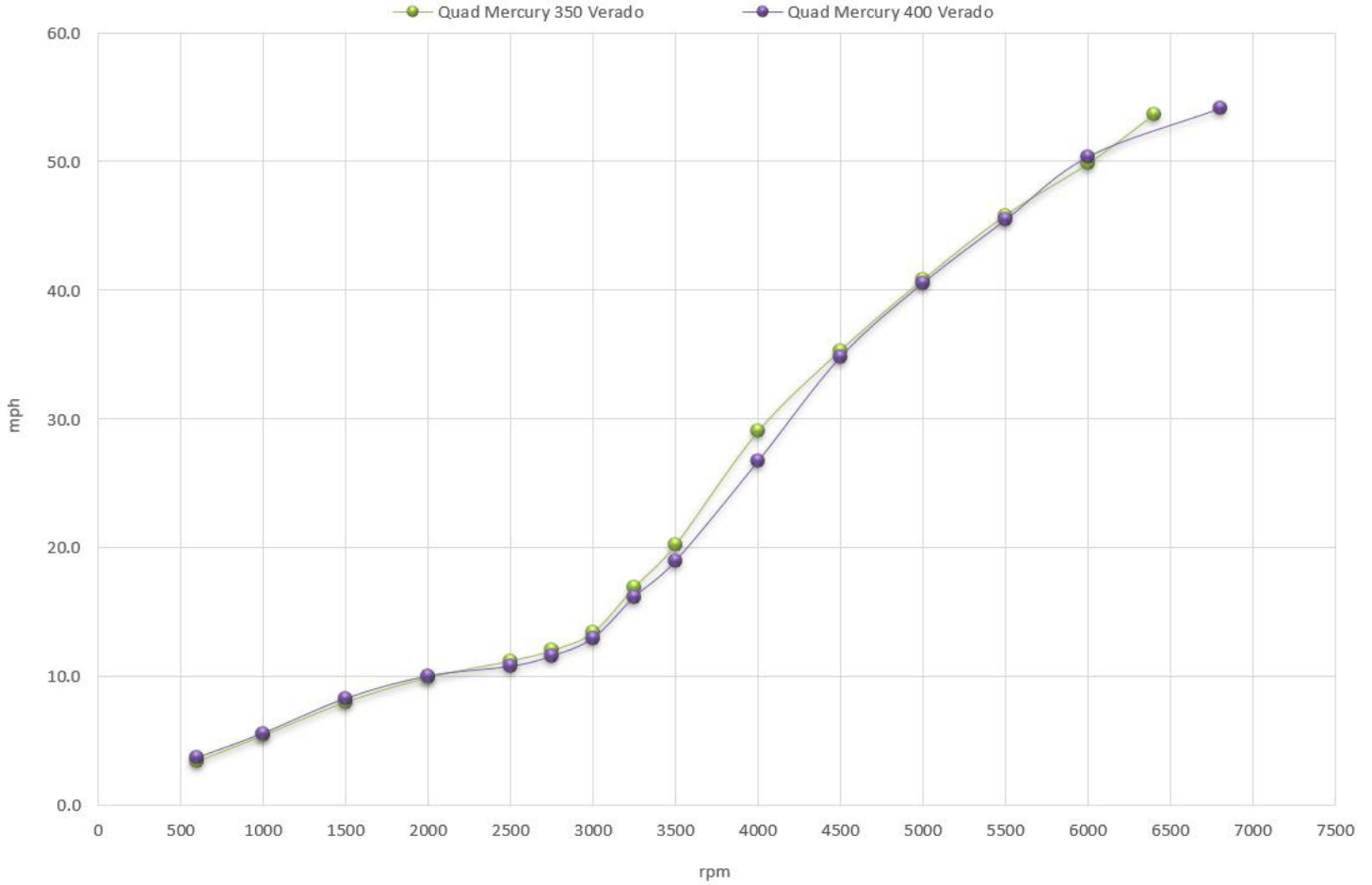
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420 Outrage Engine Comparison Graph



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