

405 CONQUEST

2022 MODEL YEAR



TEST #1

Test Date:
12-March-2020

MODEL	405 Conquest
HULL #	USBWCE0001F920
ENGINE	Quad Mercury 350 Verado (with gyro)
HORSEPOWER	1400
GEAR RATIOS	1.75 : 1
PROP	17/18/18/17 Rev 4
FUEL CAPACITY	620 gal.

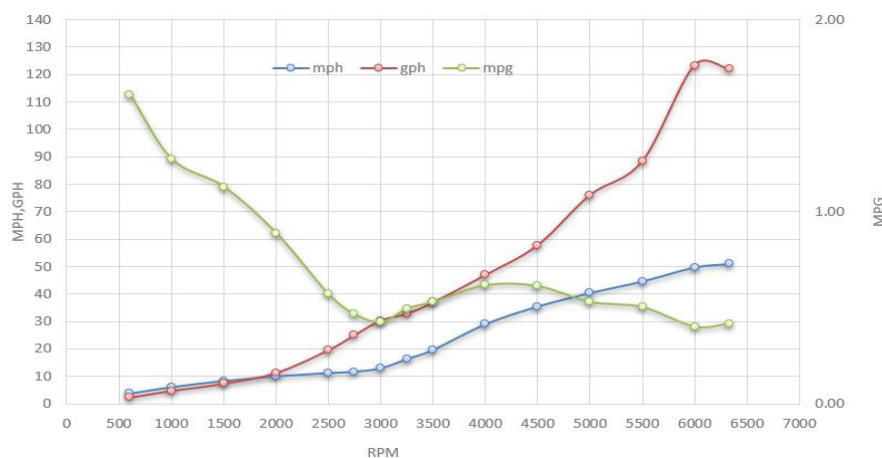
Notable Options: Gyroscopic stabilizer, Skylight glass, Top-loading freezer, Summer kitchen, Full side glass with opening windows, Premium audio, 15kW diesel generator, Water maker, 24" passenger MFD

WEIGHT SUMMARY

DRY WEIGHT	27,923 lbs
FUEL	321 gal.
DIESEL	18 gal.
WATER	62 gal.
TEST GEAR	25 lbs
PERSONNEL	345 lbs
TEST WEIGHT	30,914 lbs
WATER CONDITIONS	72° F
WEATHER CONDITIONS	60° F

	Speed			Fuel Consumption			
	RPM	mph	knots	gph	mpg	nmpg	range (mi)
Idle	600	3.7	3.2	2.3	1.61	1.40	898
	1000	6.1	5.3	4.8	1.27	1.11	711
	1500	8.3	7.2	7.4	1.13	0.98	630
	2000	10.0	8.7	11.3	0.89	0.77	496
	2500	11.2	9.7	19.6	0.57	0.50	319
	2750	11.7	10.2	25.1	0.47	0.41	261
	3000	13.0	11.2	30.4	0.43	0.37	238
	3250	16.3	14.2	32.9	0.50	0.43	277
	3500	19.7	17.1	37.0	0.53	0.46	296
	4000	29.0	25.2	47.0	0.62	0.54	345
	4500	35.5	30.8	57.8	0.61	0.53	342
	5000	40.4	35.1	76.1	0.53	0.46	296
	5500	44.6	38.7	88.4	0.50	0.44	282
	6000	49.7	43.2	123.4	0.40	0.35	225
WOT	6330	51.0	44.3	122.0	0.42	0.36	233

Acceleration: Time to plane 7.6 secs | Idle - 30 mph - 10.5 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:
28-July-2020

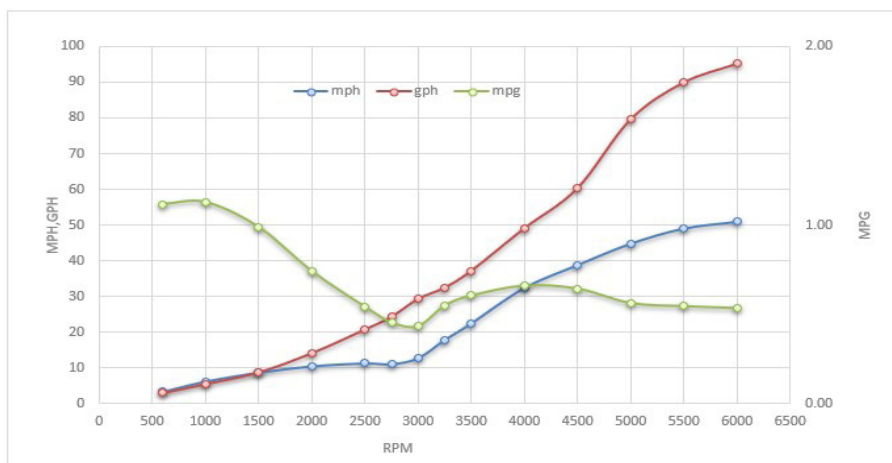
MODEL	405 Conquest
HULL #	USBWCE0001F021
ENGINE	Quad Mercury 300 VQ AMS (with gyro)
HORSEPOWER	1200
GEAR RATIOS	1.85 : 1
PROP	18/19/19/18 Enertia Eco
FUEL CAPACITY	620 gal.
Notable Options: Gyroscopic stabilizer, Full Side Glass with Opening Windows, Premium Audio, 15kW Diesel Generator, 19" Electronics	

	Speed			Fuel Consumption			
	RPM	mph	knots	gph	mpg	nmpg	range (mi)
Idle	600	3.4	2.9	3.0	1.12	0.97	623
	1000	6.2	5.4	5.5	1.13	0.98	629
	1500	8.7	7.6	8.8	0.99	0.86	552
	2000	10.5	9.1	14.2	0.74	0.64	414
	2500	11.3	9.8	20.8	0.54	0.47	303
	2750	11.1	9.6	24.4	0.46	0.40	254
	3000	12.8	11.1	29.4	0.43	0.38	242
	3250	17.9	15.5	32.5	0.55	0.48	306
	3500	22.5	19.5	37.2	0.60	0.53	338
	4000	32.5	28.2	49.1	0.66	0.57	369
	4500	38.9	33.7	60.3	0.64	0.56	360
	5000	44.9	38.9	79.6	0.56	0.49	315
	5500	49.1	42.6	89.9	0.55	0.47	305
WOT	6000	51.0	44.3	95.2	0.54	0.47	229

Acceleration: Time to plane 9.1 secs | Idle - 30 mph - 10.3 secs

WEIGHT SUMMARY

DRY WEIGHT	27,268 lbs
FUEL	266 gal.
DIESEL	0 gal.
WATER	63 gal.
TEST GEAR	25 lbs
PERSONNEL	390 lbs
TEST WEIGHT	29,845 Lbs
WATER CONDITIONS	85° F
WEATHER CONDITIONS	87° F



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 #3

Test Date:
14-Jan-2020

MODEL	405 Conquest
HULL #	USBWCE0001F920
ENGINE	Quad Mercury 400 Verado (with gyro)
HORSEPOWER	1600
GEAR RATIOS	1.75 : 1
PROP	17/18/18/17 Rev 4
FUEL CAPACITY	620 gal.

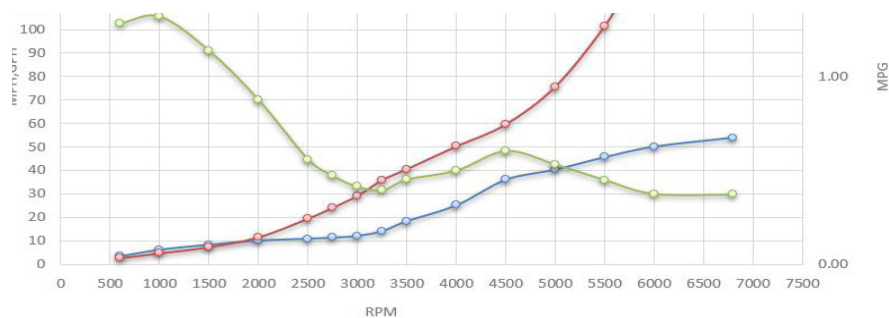
Notable Options: Gyroscopic stabilizer, Skylight glass, Top-loading freezer, Summer kitchen, Full side glass with opening windows, Premium audio, 15kW diesel generator, Water maker, 24" passenger MFD

WEIGHT SUMMARY

DRY WEIGHT	27,923 lbs
FUEL	440 gal.
DIESEL	35 gal.
WATER	0 gal.
TEST GEAR	25 lbs
PERSONNEL	340 lbs
TEST WEIGHT	31,244 lbs
WATER CONDITIONS	73° F
WEATHER CONDITIONS	72° F

	Speed			Fuel Consumption			
	RPM	mph	knots	gph	mpg	nmpg	range (mi)
Idle	600	3.4	3.0	2.7	1.28	1.11	716
	1000	6.2	5.4	4.7	1.32	1.15	736
	1500	8.4	7.3	7.4	1.14	0.99	634
	2000	10.1	8.8	11.6	0.87	0.76	488
	2500	10.9	9.5	19.5	0.56	0.49	312
	2750	11.4	9.9	24.2	0.47	0.41	263
	3000	12.1	10.5	29.3	0.41	0.36	231
	3250	14.2	12.3	35.9	0.40	0.34	221
	3500	18.4	16.0	40.6	0.45	0.39	253
	4000	25.2	21.8	50.3	0.50	0.43	279
	4500	36.1	31.3	59.7	0.60	0.52	337
	5000	40.4	35.0	75.8	0.53	0.46	297
	5500	45.7	39.6	101.5	0.45	0.39	251
	6000	50.1	43.5	133.2	0.38	0.33	210
WOT	6800	54.0	46.9	145.1	0.37	0.32	208

Acceleration: Time to plane 12.1 secs | Idle - 30 mph - 10.6 secs



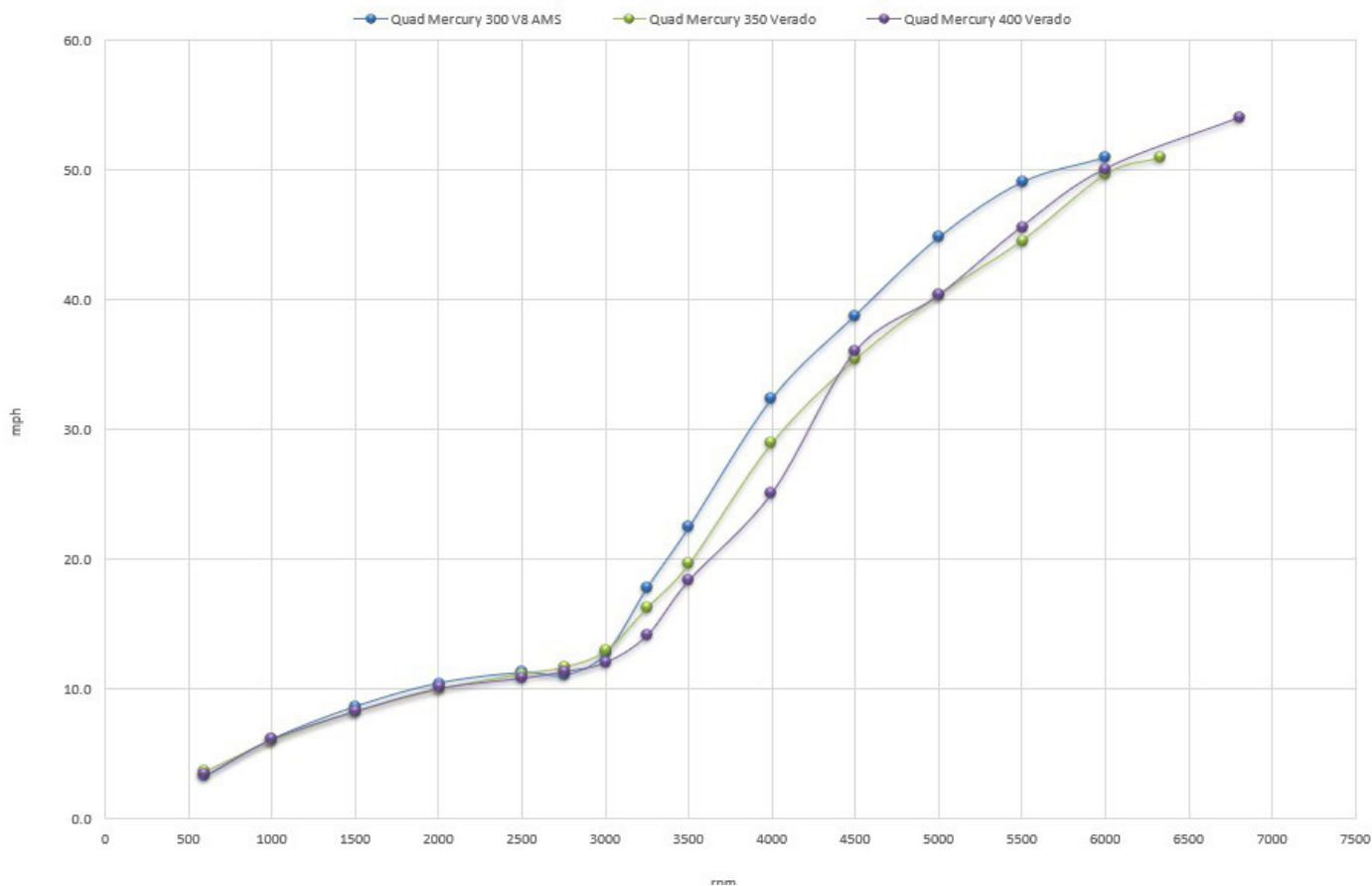
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405 Conquest Engine Comparison Graph



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