

2027

# 405 Conquest



## Test #1

TEST DATE: 07/28/2020

|                                                                                                                     |                         |
|---------------------------------------------------------------------------------------------------------------------|-------------------------|
| Model                                                                                                               | 405 Conquest            |
| Hull #                                                                                                              | USBWCE0001F021          |
| Engine                                                                                                              | Quad Mercury 300 V8 AMS |
| Horsepower                                                                                                          | 1200                    |
| Gear Ratios                                                                                                         | 1.85:1                  |
| Prop                                                                                                                | 18/19/19/18 Enertia Eco |
| Fuel Capacity                                                                                                       | 620 gal                 |
| Notable Options: Gyro, Full Side Glass with Opening, Windows, Premium Audio, 15kW Diesel Generator, 19" Electronics |                         |

## WEIGHT SUMMARY

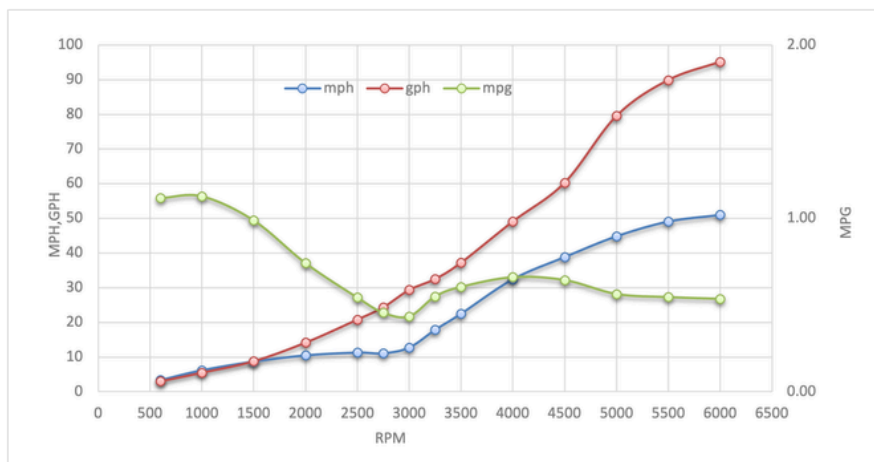
|                    |           |
|--------------------|-----------|
| Dry Weight         | 27268 lbs |
| Fuel               | 266 gal   |
| Diesel             | 0 gal     |
| Water              | 63 gal    |
| Test Gear          | 25 lbs    |
| Personnel          | 390 lbs   |
| Test Weigh         | 29845 lbs |
| Weather Conditions | 85 deg F  |
| Water Conditions   | 87 deg F  |

## SPEED

|      | RPM  | MPH  | KNOTS | GPH  | MPG  | NMPG | RANGE <sup>(M)</sup> |
|------|------|------|-------|------|------|------|----------------------|
| 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                  |
| WOT  | 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                  |
|      | 6000 | 51.0 | 44.3  | 95.2 | 0.54 | 0.47 | 299                  |

## FUEL CONSUMPTION

ACCELERATION: TIME TO PLANE 9.1 SECS | IDLE - 30 MPH - 10.3 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 ABOVE 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 ACTUAL PERFORMANCE OF THIS BOAT OR OF SIMILAR BOATS. SUCH FACTORS INCLUDE, BUT ARE NOT LIMITED TO, INSTALLATION OF CERTAIN OPTIONS SUCH AS TUNA TOWERS AND HARD TOPS, VESSEL LOADING AND TRIM, WEATHER AND SEA CONDITIONS, ENGINE 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.



2027

# 405 Conquest



## Test #3

TEST DATE: 03/09/2022

|                                                                                                                                                               |                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Model                                                                                                                                                         | 405 CQT - 108               |
| Hull #                                                                                                                                                        | USBWCE0282j526              |
| Engine                                                                                                                                                        | Quad Mercury 425 V10 Verado |
| Horsepower                                                                                                                                                    | 1700                        |
| Gear Ratios                                                                                                                                                   | 2.08:1                      |
| Prop                                                                                                                                                          | 22P Revolution X            |
| Fuel Capacity                                                                                                                                                 | 620 gal                     |
| Notable Options: Gyroscopic Stabilizer, Generator Diesel, Battery Pkg (Jpo), Summer Kitchen, Refrig Chiller-Dual Fishbox & Cooler 120v, Freezer - Top Loading |                             |

## WEIGHT SUMMARY

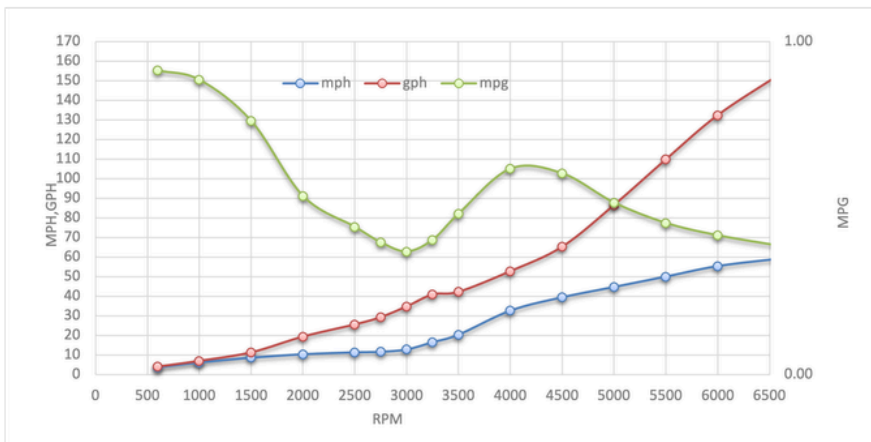
|                    |           |
|--------------------|-----------|
| Dry Weight         | 26779 lbs |
| Fuel               | 169 gal   |
| Diesel             | 13 gal    |
| Water              | 44 gal    |
| Test Gear          | 25 lbs    |
| Personnel          | 1325 lbs  |
| Test Weigh         | 29629 lbs |
| Weather Conditions | 65 deg F  |
| Water Conditions   | 74 deg F  |

## SPEED

|      | RPM  | MPH  | KNOTS | GPH   | MPG  | NMPG | RANGE <sup>(M)</sup> |
|------|------|------|-------|-------|------|------|----------------------|
| IDLE | 600  | 3.7  | 3.2   | 4.1   | 0.91 | 0.79 | 510                  |
|      | 1000 | 6.2  | 5.4   | 7.0   | 0.89 | 0.77 | 494                  |
|      | 1500 | 8.7  | 7.5   | 11.4  | 0.76 | 0.66 | 425                  |
|      | 2000 | 10.4 | 9.0   | 19.4  | 0.54 | 0.47 | 299                  |
|      | 2500 | 11.4 | 9.9   | 25.6  | 0.44 | 0.39 | 247                  |
|      | 2750 | 11.7 | 10.1  | 29.4  | 0.40 | 0.34 | 221                  |
|      | 3000 | 12.9 | 11.2  | 34.8  | 0.37 | 0.32 | 206                  |
|      | 3250 | 16.6 | 14.4  | 40.9  | 0.40 | 0.35 | 226                  |
|      | 3500 | 20.4 | 17.7  | 42.3  | 0.48 | 0.42 | 269                  |
|      | 4000 | 32.7 | 28.4  | 52.8  | 0.62 | 0.54 | 345                  |
|      | 4500 | 39.5 | 34.3  | 65.3  | 0.60 | 0.52 | 337                  |
|      | 5000 | 44.7 | 38.8  | 86.6  | 0.52 | 0.45 | 288                  |
|      | 5500 | 50.0 | 43.4  | 109.9 | 0.45 | 0.40 | 254                  |
|      | 6000 | 55.4 | 48.1  | 132.5 | 0.42 | 0.36 | 233                  |
| WOT  | 6600 | 59.2 | 51.4  | 153.4 | 0.39 | 0.34 | 215                  |

## FUEL CONSUMPTION

ACCELERATION: TIME TO PLANE 11.8 SECS | IDLE - 30 MPH - 9.7 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 ABOVE 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 ACTUAL PERFORMANCE OF THIS BOAT OR OF SIMILAR BOATS. SUCH FACTORS INCLUDE, BUT ARE NOT LIMITED TO, INSTALLATION OF CERTAIN OPTIONS SUCH AS TUNA TOWERS AND HARD TOPS, VESSEL LOADING AND TRIM, WEATHER AND SEA CONDITIONS, ENGINE 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 #4

TEST DATE: 08/18/2021

|                                                                                                                                                                                                                          |                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| Model                                                                                                                                                                                                                    | 405 Conquest           |
| Hull #                                                                                                                                                                                                                   | USBWCE2014C121         |
| Engine                                                                                                                                                                                                                   | Triple Mercury 600 V12 |
| Horsepower                                                                                                                                                                                                               | 1800                   |
| Gear Ratios                                                                                                                                                                                                              | 2.50:1                 |
| Prop                                                                                                                                                                                                                     | 27.5P V12              |
| Fuel Capacity                                                                                                                                                                                                            | 620 gal                |
| Notable Options: Cockpit Refrigerator, Fish Box Chiller, Top Loading Freezer, Hardtop Sunroof, Full Side Glass, Bow Sunshade, Gyro Stabilizer, Premium Audio, Dual 19" Electronics, 24" Add'l Display, Sat TV, 4KW Radar |                        |

## WEIGHT SUMMARY

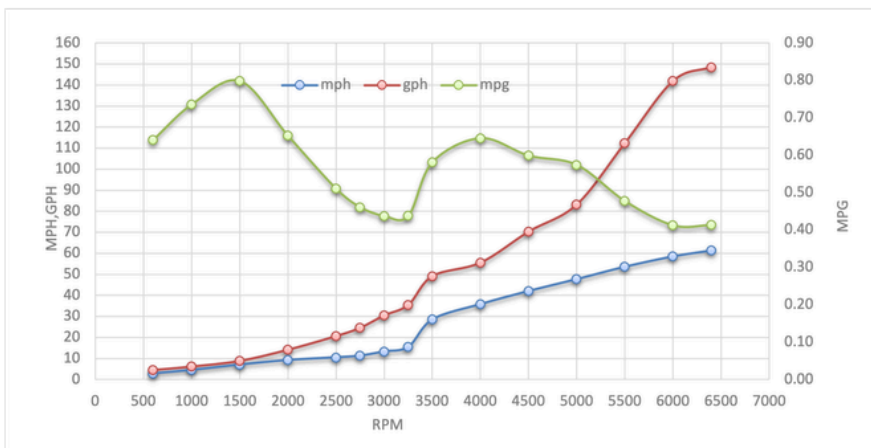
|                    |          |
|--------------------|----------|
| Dry Weight         | NA       |
| Fuel               | 260 gal  |
| Diesel             | 0 gal    |
| Water              | 7 gal    |
| Test Gear          | 25 lbs   |
| Personnel          | 360 lbs  |
| Test Weigh         | NA       |
| Weather Conditions | 87 deg F |
| Water Conditions   | 87 deg F |

## SPEED

|      | RPM  | MPH  | KNOTS | GPH   | MPG  | NMPG | RANGE <sup>(140)</sup> |
|------|------|------|-------|-------|------|------|------------------------|
| IDLE | 600  | 3.0  | 2.6   | 4.6   | 0.64 | 0.56 | 358                    |
|      | 1000 | 4.6  | 4.0   | 6.3   | 0.74 | 0.64 | 411                    |
|      | 1500 | 7.2  | 6.2   | 9.0   | 0.80 | 0.69 | 446                    |
|      | 2000 | 9.3  | 8.1   | 14.3  | 0.65 | 0.57 | 364                    |
|      | 2500 | 10.6 | 9.2   | 20.8  | 0.51 | 0.44 | 285                    |
|      | 2750 | 11.4 | 9.9   | 24.7  | 0.46 | 0.40 | 258                    |
|      | 3000 | 13.4 | 11.6  | 30.6  | 0.44 | 0.38 | 244                    |
|      | 3250 | 15.6 | 13.5  | 35.6  | 0.44 | 0.38 | 245                    |
|      | 3500 | 28.7 | 24.9  | 49.3  | 0.58 | 0.51 | 325                    |
|      | 4000 | 36.0 | 31.2  | 55.7  | 0.65 | 0.56 | 360                    |
|      | 4500 | 42.2 | 36.6  | 70.4  | 0.60 | 0.52 | 334                    |
|      | 5000 | 47.9 | 41.6  | 83.3  | 0.57 | 0.50 | 321                    |
| WOT  | 5500 | 53.8 | 46.7  | 112.5 | 0.48 | 0.41 | 267                    |
|      | 6000 | 58.7 | 50.9  | 142.0 | 0.41 | 0.36 | 230                    |
|      | 6400 | 61.5 | 53.4  | 148.6 | 0.41 | 0.36 | 231                    |

## FUEL CONSUMPTION

ACCELERATION: TIME TO PLANE 6.9 SECS | IDLE - 30 MPH - 7.5 SECS



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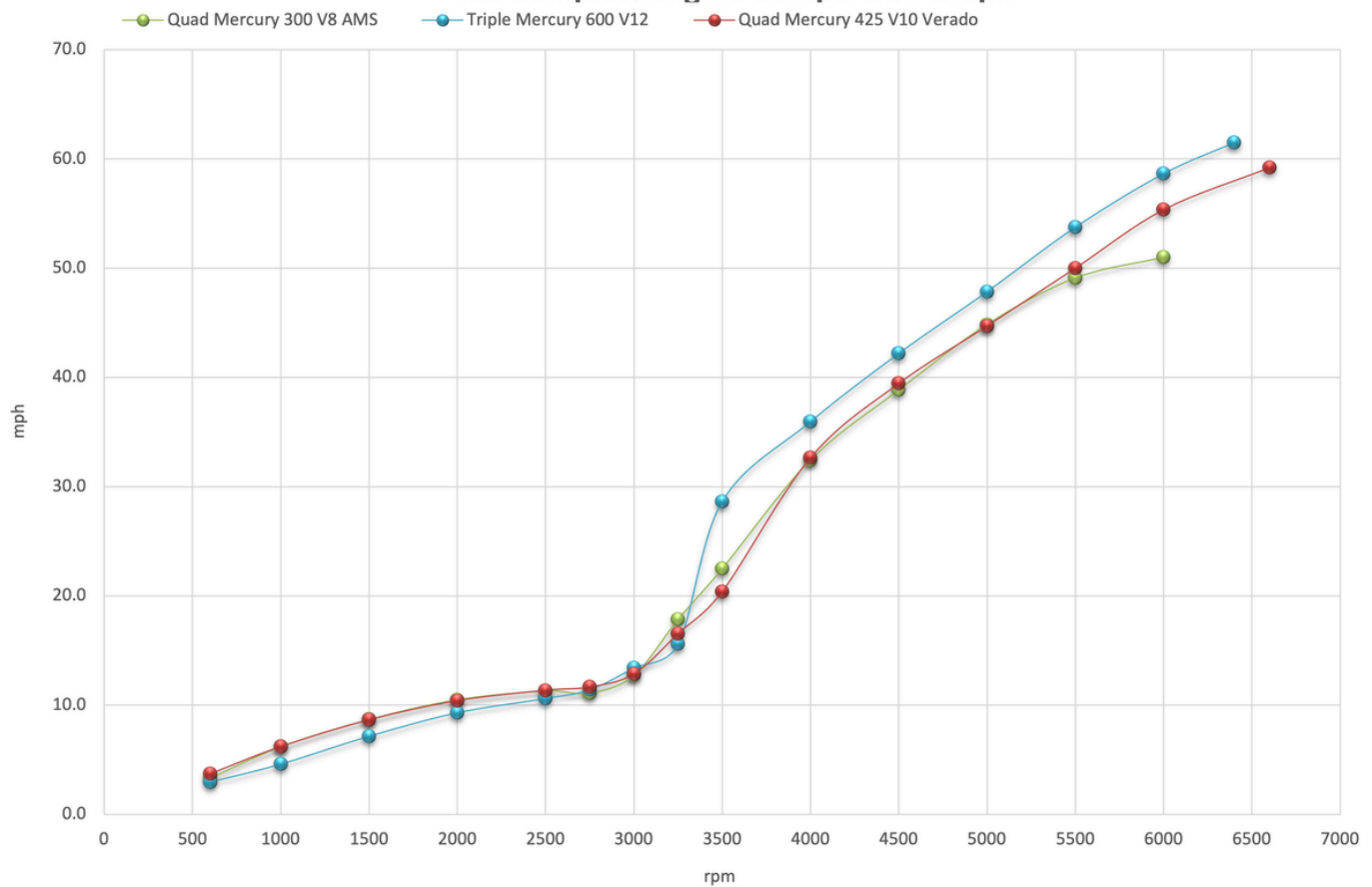


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# 405 Conquest



405 Conquest Engine Comparison Graph



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.

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