# BOAT HOUSE BULLETIN

MERCURY

## PERFORMANCE SUMMARY

**Top Speed**
(mph @ rpm)
39.6 mph/5997 rpm

**Acceleration**
0 - 20 mph (seconds)
4.64

**Acceleration**
0 - 30 mph (seconds)
9.35




| Test Date | Air Temperature (˚F) | Sea State | Wind Velocity Range (mph) | Fresh/Salt Water |
|---|---|---|---|---|
| June 26, 2025 | 81 | Choppy | 12 | Freshwater |

## ENGINE

| | |
|---|---|
| Number of Engines | 1 |
| Engine | FourStroke |
| Horsepower | 225 |
| Cylinders | 8 |
| Drive or gear model and ratio | Standard 1.85 |
| Engine Setback (in) | 4 |
| Engine Length (in) | 25 |

## PROPELLER

| | |
|---|---|
| Mercury Name | Enertia |
| Material | Stainless Steel |
| Pitch | 14 |
| Number of Blades | 3 |

## BOAT

| | |
|---|---|
| Boat Brand | Angler Quest |
| Boat Model | 8524 Pro Troll |
| Boat Type | Pontoon |
| Boat Material | Aluminum |
| Length (ft) | 24 |
| Beam (ft) | 8.6 |
| Fuel Tank Capacity (gal) | 45 |
| Steering Type | Other |
| Dry Boat Weight (lbs) | 3,225 |

# PERFORMANCE

| RPM RANGE | SPEED (MPH) | FUEL CONSUMPTION (GPH) | FUEL CONSUMPTION (MPG) | RANGE (MILES) |
|---|---|---|---|---|
| 600 | 1.9 | 0.5 | 3.4 | 153 |
| 1000 | 4 | 1 | 4.1 | 182 |
| 1500 | 5.9 | 1.7 | 3.5 | 156 |
| 2000 | 7.6 | 2.5 | 3.1 | 137 |
| 2500 | 10.3 | 3.2 | 3.2 | 146 |
| 3000 | 14.7 | 5 | 2.9 | 132 |
| 3500 | 19.4 | 6.6 | 2.9 | 131 |
| 4000 | 22.6 | 8.9 | 2.6 | 115 |
| 4500 | 26.8 | 11.4 | 2.4 | 106 |
| 5000 | 31.1 | 13.3 | 2.3 | 105 |
| 5500 | 35.6 | 17.8 | 2 | 90 |
| 6000 | 39.6 | 18.5 | 2.1 | 96 |

