



THIRD PARTY ENGINE & BOAT TEST

ENGINE PERFORMANCE TESTS NOT CONDUCTED BY MERCURY

Mercury 175 hp OptiMax Pro XS - Champion 183 Elite

Test results published by *Bass & Walleye Boats*, August 2008

Media Format	Magazine
Rigged Boat Weight as tested (lbs)	2235
Air Temperature	74 F
Water Temperature	82 F
Wind Velocity	Slight breeze
Water Conditions	Calm



PERFORMANCE SUMMARY

Top Speed (MPH @RPM)	62.9 @ 5650
Acceleration 0 - 20 MPH (sec)	-
Acceleration 0 - 30 MPH (sec)	6.28

PERFORMANCE DATA

Engine (RPM)	Speed (MPH)	Fuel Economy (GPH)	Fuel Economy (MPG)	Range (mi.)	Sound dB-A
1000	5.5	0.7	7.8	280	-
1500	6.8	1.7	4.0	144	-
2000	7.6	3.7	2.1	75	-
2500	23.0	3.6	6.4	230	-
3000	29.2	5.2	5.6	201	-
3500	37.5	5.9	6.4	230	-
4000	43.9	8.0	5.5	198	-
4500	48.9	10.7	4.6	165	-
5000	54.2	13.5	4.0	144	-
5500	61.4	15.0	4.1	147	-
5650 (WOT)	62.9	15.7	4.0	144	-

OBSERVATIONS

"The 175 Pro XS pinned us against the seats as the 183 jumped on plain..." Lee Boyt, Bass & Walleye Boats

"Rigged with the Mercury 175 Pro XS, it offers strong performance throughout its RPM range." Lee Boyt, Bass & Walleye Boats

ENGINE SPECIFICATIONS*

Engine	175 Pro XS
Horsepower	175
Cylinders	V-6 (60 degree vee)
Recommended WOT RPM	5500-6000
Displacement	153 cid
Gear Ratio	1.87:1

BOAT SPECIFICATIONS

Manufacturer	Champion
Boat Model	183 Elite
Material	FRP/Composite
Console Type	Dual
Length	18' 3"
Beam	7' 9"
Dry Boat Weight (published lbs.)	1820
Max HP Capacity	175
Fuel tank capacity (gals)	40

PROPELLER SPECIFICATIONS

Propeller Name	Tempest Plus
Diameter/ Pitch	14 5/8" x 24"

* - Mercury-supplied information