

ENGINE:
Single 90 hp FourStroke

BOAT:
Crestliner - 1850 Pro Tiller

PROP:
SpitFire®


TEST CONDITIONS

Test Date	2014-05-21
Test Conductor	KB / JR
Elevation	1310 ft
Air Temperature	50 °F
Wind Velocity	15 - 20 MPH 13 - 17 kts
Water Type	Fresh
Fuel Level at Testing	11 gallons
Boat Weight as Tested	1800 lbs

ENGINE SPECIFICATIONS

Number of Engines	Single
Engine	90 hp FourStroke
HP / kW	90 / 67
Engine type	8-valve single overhead cam (SOHC) Inline 4
Gearcase ratio	2.07:1

BOAT SPECIFICATIONS

Manufacturer	Crestliner
Website	http://www.crestliner.com/
Boat Model	1850 Pro Tiller
Boat Type	Aluminum - tiller
Material	Aluminum
Length	18 ft 6 in
Beam	7 ft 10 in
Max HP Capacity	90
Fuel Tank Capacity	32.0 gallons
Steering Type	Tiller
Dry Boat Weight	1375 pounds
Mounting Bolt Hole	2

PROPELLER SPECIFICATIONS

Part Number	8M8026580
Mercury Name	SpitFire®
Material	Mercalloy
Diameter / Pitch	13.4 / 15.0
Number of Blades	4



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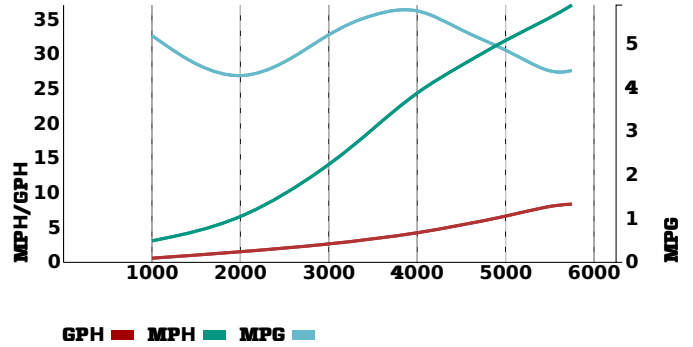
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PERFORMANCE SUMMARY

Best Fuel Economy (MPG@RPM)		5.9 @ 4000			
Top Speed (MPH@RPM)		37.1 @ 5750			
RPM Range	Speed (MPH)	Fuel (GPH)	Fuel (MPG)	Range (miles)	Sound (dBA)
1000	3.1	0.6	5.2	-	-
2000	5.7	1.5	3.8	-	-
3000	13.8	2.6	5.3	-	-
3500	19.3	3.4	5.7	-	-
4000	24.7	4.2	5.9	-	-
4500	28.4	5.4	5.3	-	-
5000	32.1	6.6	4.9	-	-
5500	35.2	8.2	4.3	-	-
5750	37.1	8.4	4.4	-	-

PERFORMANCE CURVE



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