

Boat Performance Bulletin



<i>Test Date</i> June 5, 2024	Performance Summary						
<i>Test Location</i> Shuswap Lake, BC	<i>Max Performance</i>		<i>Cruise Performance</i>		<i>Acceleration 0 - 20mph</i>		
<i>Air Temperature</i> 13 °C	28.5 mph	6300 rpm	23 mph	5000 rpm	5.6 seconds		
<i>Wind Speed</i> 4mph N	4.9 gph	5.8 mpg	2.8 gph	8.2 mpg	<i>Acceleration 0 - 30mph</i>		
<i>Elevation</i> 1,138 ft	<i>Engine(s)</i>		<i>Propeller / Impeller</i>		<i>Boat</i>		
<i>Sea State</i> Calm	<i>Number of Engines</i>	1	<i>Name</i>	Black Diamond		<i>Boat Brand</i>	Stabicraft
<i>Load</i> Light	<i>Engine Type</i>	Outboard	<i>Material</i>	Aluminum		<i>Boat Model</i>	1450 Frontier
	<i>Engine Make</i>	Mercury	<i>Pitch</i>	11 Extra Cup		<i>Boat Type</i>	Aluminum/Deep V
	<i>Engine Model</i>	Fourstroke	<i>Number of Blades</i>	3		<i>Boat Material</i>	Aluminum
	<i>Horsepower</i>	50				<i>Length</i>	14' 6"
	<i>Cylinders</i>	4				<i>Beam</i>	75.7"
	<i>Drive Model / Type</i>	Command Thrust				<i>Fuel Capacity (L)</i>	34
	<i>Gear Ratio</i>	2.33 : 1				<i>Stock Number</i>	10674

Performance

RPM Range	Speed (mph)	Fuel Consumption (gph)	Fuel Economy (mpg)	Range (miles)
1000	3.0	0.3	10.0	90
2000	5.5	0.6	9.2	82
3000	8.0	1.3	6.2	55
3500	14.0	1.7	8.2	74
4000	17.0	1.9	8.9	80
4500	19.5	2.2	8.9	80
5000	23.0	2.8	8.2	74
5500	25.0	3.2	7.8	70
6300	28.5	4.9	5.8	52

