

Boat Performance Bulletin



<i>Test Date</i> March 23, 2024	<i>Performance Summary</i>						
<i>Test Location</i> Shuswap Lake, BC	<i>Max Performance</i>		<i>Cruise Performance</i>		<i>Acceleration 0 - 20mph</i> 7.6 seconds		
<i>Air Temperature</i> 8 °C	28.5 mph	6300 rpm	21.5 mph	5000 rpm	<i>Acceleration 0 - 30mph</i> n/a seconds		
<i>Wind Speed</i> 2mph S	2.8 gph	10.2 mpg	1.6 gph	13.4 mpg			
<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 Explorer
	<i>Engine Make</i>	Mercury	<i>Pitch</i>	12.5		<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>	30				<i>Length</i>	14' 6"
	<i>Cylinders</i>	3				<i>Beam</i>	75.7"
	<i>Drive Model / Type</i>	Standard				<i>Fuel Capacity (L)</i>	34
	<i>Gear Ratio</i>	2.17 : 1				<i>Stock Number</i>	9976

Performance

RPM Range	Speed (mph)	Fuel Consumption (gph)	Fuel Economy (mpg)	Range (miles)
1000	2.5	0.1	25.0	225
2000	4.5	0.3	15.0	135
3000	6.3	0.6	10.5	94
3500	8.0	0.9	8.9	80
4000	14.5	1.1	13.2	118
4500	18.3	1.3	14.1	126
5000	21.5	1.6	13.4	121
5500	24.5	2.0	12.3	110
6300	28.5	2.8	10.2	91

