

Boat: SURTEES 550 OFFSHORE

Date Tested: April 2020

Engine: Mercury 115 HP 4 Stroke



PERFORMANCE SUMMARY

Best Fuel Economy (LPK@RPM)	0.38 @3500
Top Speed (KPH@RPM)	72 @5900

PERFORMANCE DATA

RPM Range	KPH	Knots	Fuel (LPH)	Fuel (LPK@)
2000	11	6	5.9	0.53
3000	23	12.5	11.5	0.50
3500	37	20	13.9	0.38
4000	44	23.5	18.5	0.43
4500	52	28	24.9	0.48
5000	60	32.5	34.1	0.57
5900	72	39	42.4	0.59

TO ROTTNES AND BACK AT BEST FUEL ECONOMY

From Fremantle	22.5Km x 2 trips x \$1.50 p/litre	\$ 25.33
From Hillarys	29.4Km x 2 trips x \$1.50 p/litre	\$ 33.10
Dependant on Wind and Sea Conditions		

TEST CONDITIONS

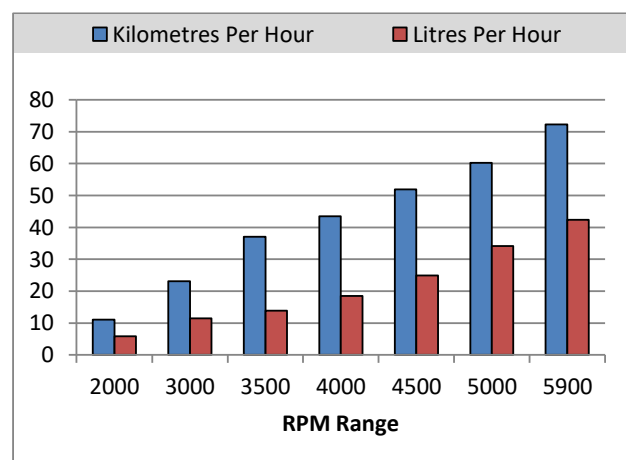
Test Date	1/04/2020
Test Calculator	CF/RB
Air Temperature	22 °C
Wind Velocity	9 KPH (5 Knots)
Water Type	Salt and Fresh
Fuel Level at Testing	70 Litres
Boat Weight as Tested	1010 KG

ENGINE SPECIFICATIONS

Mercury Engine Model	115 4S
Mercury Propeller	Enertia
Propeller Details	3 Blade X7 Alloy

BOAT SPECIFICATIONS

Manufacturer	Surtees
Boat Model	5500 Offshore
Boat Type	Vee
Length	5.5m
Beam	2.15m



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Do it Once - Do it Right