Engine Repower Bulletin & Review

Engine
Mercury 150
3.0L

Boat
Reflex Chianti
635

Date Powered
Oct 2017

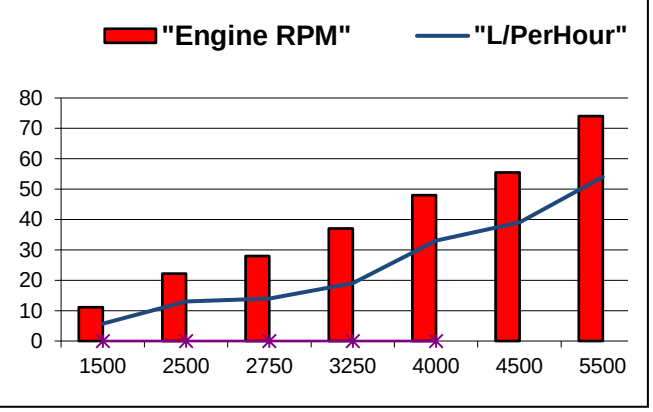




PERFORMANCE SUMMARY	
Best Fuel Economy (KPL@RPM)	**1.98 @ 2750**
Top Speed (KPH@RPM)	**74 @ 5500**
Acceleration 0 - plane (seconds)	**2.5-3.0**

PERFORMANCE DATA			
RPM Range	**Speed** (KPH / kts)	**Fuel** (LPH)	**Fuel** (Km/pLitre)
1500	11.1 / 6.0	5.7	1.94
2500	22.2 / 12	13	1.70
2750	28 / 15	14	1.98
3250	37 / 20	19	1.94
4000	48 / 26	33	1.45
4500	55.5 / 30	39	1.42
5500	74 / 40	54	1.37

PERFORMANCE CURVE



TEST CONDITIONS	
Test Date	**Oct -2017**
Test Conductor	**DH**
Air Temperature	**24 °C**
Wind Velocity	**22 - 28 KPH** **12 - 15 kts**
Water Type	**Salt / Ocean**
Fuel Level at Testing	**160 Litres**
Boat Weight as Tested	**1600 KG Approx**
ENGINE SPECIFICATIONS	
Mercury Engine Model	**150 4S**
Mercury Propeller	**Enertia**
Prop Details	**18 SS**
BOAT SPECIFICATIONS	
Manufacturer	**Reflex**
Boat Model	**Chianti 635**
Boat Type	**Vee**
Length	**7.0 LOA**
Beam	**2.5M**
Construction	**GRP / Zero Timber**
Max People	**8**

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