



## DF300AP tested on Spearfish 8.2m

### Test conditions

<b>Date:</b>	23/09/2013
<b>Location:</b>	Mandurah Estuary, WA
<b>Conditions:</b>	0.5m-1.5m wind chop, 40-50km/h winds
<b>Temperature:</b>	17°C
<b>Crew:</b>	2

### Test Boat: Spearfish 8.2m

<b>Length:</b>	8.2m
<b>Beam:</b>	2.5m
<b>Dry Weight:</b>	2800kg
<b>Max Horsepower:</b>	600hp
<b>Fuel Capacity:</b>	500L
<b>Weight as tested:</b>	3500kg

### Outboard: Twin Suzuki DF300AP

<b>Horsepower:</b>	300hp
<b>Cylinder:</b>	V6
<b>Weight:</b>	279kg
<b>Gear Ratio:</b>	2.08:1
<b>Propeller:</b>	Suzuki 16 x 17 3 blade stainless steel

### Conclusion

<b>Optimal Cruise Speed:</b>	44km/h
<b>Cruise Range (Approx) Based on 95% Fuel Capacity:</b>	432km/h
<b>Maximum Speed:</b>	93km/h
<b>0-40km/h:</b>	2.5 sec

**THE ULTIMATE 4-STROKE OUTBOARD**

### Suzuki performance figures

RPM	Av KM/H	L/Hr	Av L/KM
700	6.5	4.2	0.65
1000	9.7	8.4	0.87
1500	13	16.25	1.25
2000	21	23	1.1
2500	31.5	33.25	1.06
3000	44	48.5	1.1
3500	53	61.5	1.16
4000	62.5	87.5	1.4
4500	70	110	1.57
5000	78	130	1.67
5500	84.5	138.5	1.64
6000	91.5	193.5	2.11

### Suzuki fuel consumption comparison

