

VOLVO PENTA D3-200 DPS-A

**VOLVO
PENTA**

Vessel Type	Custom Aluminium
Boat Builder	Unknown
Hull Material	Aluminium
Length (LOA)	7m
Beam	2.5m
Deadrise	NA
Weight	approx 2300kg
Engine	D3-200
Engine (kw/HP)	147/200
Top Speed	36knots @ 4000rpm 41L/hr
Cruise Speed	24.5knots@ 3000rpm 18L/hr
Slow cruise	20knots @ 2700rpm 15L/hr
Propellers	"F5" stainless steel
Technician	Ben Dryland
Date Tested	23rd June 2011



It took 12 months of deliberation for the owner of this early 90's plate ali boat to decide it was time to update to Volvo Penta's new D3. His original engine was an AQAD31 that had given great service and fuel efficiency so it wasn't an easy decision. It only took one sea trial to see it was money well spent. The old AQAD31 was running out of puff at 27 knots on a good day, now with 4 big guys on-board and a full belly of fuel (230L) the GPS showed 36 knots, a big improvement. The biggest difference the owner noticed was the amount of power available even high up in the rev range. He said the "old girl would take a while to wind up to full throttle if you gave it to her but this new engine just keeps on going!". When the boat was loaded up with dive gear and a few guys it used struggled to get on the plane, that won't be the case anymore.

Amazing fuel consumption figures were displayed on the EVC gauges showing that at 20 knots the engine was using just 15L/hr and to increase to a fast cruise of 24.5 knots the fuel consumption only increased to 18L/hr. That's better than the original engine. Another Successful Volvo Penta re-power!

