

Summer 2011

MARINE TORQUE TALK

What's happening on the water from ...

VOLVO PENTA

TWIN D6-370/DPH WITH ELECTRIC STEER

Engine: Twin D6-370/DPH with Electric Steering

Props: G5

Boat Builder: Icon Brands

Design: Scott Robson

LOA: 14mtr

LWL: 10.8mtr

BOA: 3.3mtr

Draft: 1mtr

Displacement: 10500kg

Fuel Tank Volume: 1200lts

Engines supplied/tested: KP Marine
3 Plimmerton Drive
Plimmerton, Porirua
(04) 2336164



Three years ago Volvo Penta introduced the first joystick control coupled to the IPS system. This made docking simpler and safer. Since then Volvo Penta has broadened its range by adding joystick control to electronic steering with stern drives, which builds on a well proven drive concept and individually steerable drives. Suitable for diesel and gasoline engines with DPH and DPS drives.

Featured above is New Zealand's first boat to be fitted with the electronic steering control and joystick system. Eva Anne, a 14 metre Robson design bringing together speed, performance and elegance to a boat well built by Icon brands in Rangiora. Fitted with twin D6-370hp Volvo Penta engines and stern drives, this boat reaches a top speed of 38 knots @ 3500rpm and cruises comfortably at 32 knots

To date Daniel Smith (owner) has completed 'sea trialing' demonstration and he advises that "the boat's handling and speed is impressive. A 10 ton, 14 metre long boat doing 38 knots with ease is truly a credit to the Designer, Boat Builders and Volvo Penta".

When Daniel visited the Sydney Boat Show in 2010, the Volvo Penta guys convinced him that electronic steering, independent joy stick control was far superior to the standard steer and bow thruster systems. So the Volvo Electronic Steer and Joystick System was installed in Eva Anne and sea trials have definitely proved the Volvo Penta team are correct. The boat handling and adjustment to sea/wind conditions is simplistic and extremely positive to use. Boat control in challenging conditions and manoeuvring into tight marine parking spots can be completed safely and with confidence. I am sure the wife will have no problems to position the boat on the mooring and wharf for me now."

RPM levels	Engine speed [r/min]	Fuel rate [l/h]	Fuel rate [l/nmi]	Engine load [%]	Boat speed [kn]
Idle	600	2.01	0.40	13.00	5.05
1000	1005	8.01	1.15	29.00	6.95
1500	1501	25.67	2.66	57.25	9.65
2000	2010	49.92	3.33	65.25	15.00
2200	2197	57.75	3.19	65.00	18.10
2400	2395	68.31	3.14	65.00	21.75
2600	2600	80.61	3.19	70.00	25.30
2800	2798	89.60	3.13	73.50	28.65
3000	2997	103.35	3.27	76.50	31.65
3200	3203	125.59	3.65	87.25	34.40
3400	3398	145.37	3.94	96.50	36.90
Rated (3500)	3495	155.16	4.07	99.75	38.10
Full	3516	155.75	4.08	100.00	38.20



MERRY CHRISTMAS AND A HAPPY NEW YEAR FROM THE TEAM AT VOLPOWER NZ LIMITED



OUT WITH THE OLD AND IN WITH THE NEW

Recently two repowered ferries have been fitted with twin Volvo Penta D12-650 and D12-500's.

The D12-650's installed by Matakana Marine were fitted to the Kawau Kat IV in Sandspit, replacing a pair of TAMD72P's at 430 H.P.

A pair of D12-500's were installed to Sounds Exciting, a Cougar Line ferry in Picton, replacing a pair of TAMD122P's.

Both companies have expressed their satisfaction towards the new lease on life they have given their vessels, noting that some of their other vessels in the fleet are also being powered by Volvo Penta marine engines. Noticeable improvements to date are serviceability, performance, time savings, quiet running, fuel consumption and most importantly reliability; in turn putting productivity and peace of mind back in the hands of the ferry operator.



Specs:
D12-650 @ 2300
ZF325A Gear Box
Top Speed: 25 knots @ 2300rpm



Specs:
D12-500 @1800
MG5114A-E Gear Box
Top Speed: 27knots @ 1800rpm

SONIHULL

Pacific Coast Marine has recently fitted a Sonihull Ultrasonic Anti Foul System to one of the barges working the Coromandel mussel farms.

Marine growth is a big problem on the barges working the farms with the vessel needing to be cleaned every three months.

Initial results are impressive with the vessel not having any growth on the bottom of the vessel after two months and no loss in vessel performance. With just a small amount in the bow thruster tunnel and along the unpainted working side of the vessel.

Barge owner, Peter Bull, says "with a 7 man crew one of my biggest costs is labour and an extra hours travelling each day due to marine growth soon eats into the bottom line. I am very impressed with the Sonihull and want Pacific Coast Marine to install it on a second vessel at its next maintenance interval.

Picture shows marine growth on an unprotected vessel at 3 months and a Sonihull protected vessel at 2 months.



Protected



Unprotected

John Booker
Pacific Coast Marine & Diesel Ltd
29 Bryce Street
Whitianga
Tel: 07 866 0551

HIDEA



A NEW PLAYER in the outboard market has arrived in town, geared to get as many people on the water as possible.

Two and four-stroke Hidea outboards from 2.5HP to 40HP are now available in New Zealand via our Hidea Dealer network. The two stroke series covers nine engines from the single cylinder 2.5F through to the two cylinder 40F.

The four stroke line up is currently targeting the lower horsepower market with nine engines ranging from the F2.5 through to the F15.

Wayne Patten, Managing Director of Volpower NZ, says that the new range are exceptional engines that should really suit the tender and small runabout market.

The F15, 30F and 40F units are available with electric start option, and the choice of remote throttles.

Each outboard comes with alloy three-blade props and fuel tanks where applicable and a factory backed two year warranty.

Hidea outboard engines are sold throughout the world in places such as North America, South America, Europe, Africa and Asia Pacific countries.

For further inquiries please contact:
Ph: 0508HideaNZ (0508 4433269) or www.hideanz.co.nz

SOUND PROOFING

Pyrotek

noise control

Volpower distribute affordable Pyrotek Noise Control products through our dealer network to provide sound proofing solutions for marine and industrial applications. **To see samples contact your local Volvo Penta Dealer now.**

RACOR FUEL FILTERS

Parker Racor Fuel Filter



Together, we can
protect your
investment in engines
and fuel, maximize
fuel economy,
performance and
maintain a clean
environment.

Parker Racor fuel filters are built with patented Aquabloc elements to obtain maximum efficiency, high dirt holding capacity and are used by many engine manufacturers worldwide for their reliability.

Racor Turbine Series is the most complete, most efficient, most reliable high-capacity engine protection you can install.



0800 VOLPOWER

SONIHULL

Ultrasonic Antifouling System

Keeps your hull cleaner,
all year round

Banish the Barnacle
with *Sonihull!*

Easy to install
No hull penetration required

SONIHULL KEEPS YOUR HULL CLEAN

- Uses ultrasonic energy pulses to make surfaces less attractive to barnacles and algae.
- Helps prevent marine growth on hulls, pipe work and sea chests.
- Less marine growth means less hull friction, which means better fuel economy.
- Used in commercial and pleasure craft.

ENVIRONMENTALLY FRIENDLY

Tests demonstrate that electronic antifouling products have no adverse effect to fish. The 'SONIHULL' Ultrasonic signal stays very close to the hull structure and does not stray into open water.



Very easy to install
Kits available for cats and monohulls

0800 VOLPOWER

DIESEL TEST KITS

Our new diesel bug indicator test kits are a very cost effective means of indicating fuel contamination. These are very user friendly kits which enable the test to be carried out by anybody, there are no complicated mixing procedures or diagnostic procedures to follow.



Simply take a fuel sample in a clean container, dip the test stick into the fuel, screw the test stick back into its retainer, label and allow it to cultivate over 2-4 days. Compare the appearance of the test kit after incubation period to the data sheet provided in order to make an informed decision on the condition of your fuel.

Included in the kit is a recommended action plan, so depending on the result, you will find that there are various recommendations as to how to move forward based on the results of your tests. Priced at under \$30 ex gst, these kits are an invaluable tool in analyzing your fuel quality and should become part of your scheduled servicing programme.

While you are going through the process of your fuel testing, it is also an opportune time to assess whether your fuel filtration system is comprehensive enough to cope with today's technology. There are plenty of well schooled technicians within the Volvo Penta network who can help you with your assessment if required.

To order diesel test kits please contact your local Volvo Penta Dealer now. The part number to ask for is DBTK.

*MERRY CHRISTMAS AND A
HAPPY NEW YEAR FROM
THE TEAM AT VOLPOWER
NZ LIMITED*



2 YEAR WARRANTY ON ALL NEW VOLVO PENTA MARINE ENGINES

*Applies to non-commercial use only. Conditional on annual service by authorized Volvo Penta dealers.

VOLVO PENTA MARINE DEALER LIST

NEW ZEALAND:

OPUA: Lowes Marine Services. Paihia Ph 09-402-8375
WHANGAREI: Ray Roberts Marine. Whangarei Ph 09-438-3296
MATAKANA: Matakana Marine & Engineering Ltd. Matakana Ph 09-422-7822
WHANGAPARAOA: Seaquip Marine Services Limited.
Whangaparaoa Ph 09-424-1260

AUCKLAND:

Ovlov Marine Ltd. Westhaven Ph 09-377-4285
Ovlov Marine - Pine Harbour Limited. Beachlands Ph 09-5365249
Allvo Marine & Engineering Ltd. Howick Ph 09-535-9189
Bensemman Boating Centre Ltd. Westpark Marina Ph 09-416 2190
WHITIANGA: Pacific Coast Marine & Diesel. Whitianga Ph 07-866-0551
BAY OF PLENTY/WAIKATO: Coastline Marine Limited.
Tauranga Ph 07-574-9613

TAUPO: Fleet Marine Limited. Taupo Ph 07-378-8514
NEW PLYMOUTH: West Coast Marine. New Plymouth Ph 06-759-0939

GISBORNE: Harbourview Marine Ltd. Gisborne Ph 06-868-8686
NAPIER: Hawkes Bay Marine (2005) Ltd. Napier Ph 06-843-5000
WANGANUI: Marine Services Wanganui Ltd. Wanganui Ph 06-345-6958
PORIRUA: KP Marine. Porirua Ph 04 233 6164
WELLINGTON: Strait Marine Parts & Services Limited.
Wellington Ph 04-568-8062

PICTON: Marine Engineering Ltd. Picton Ph 03-573-6477
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KAIKOURA: Kaitoura Marine Services Ltd. Kaitoura Ph 03-319-5276
CHRISTCHURCH: Southern Viking Ltd. Christchurch Ph 03-348-8976
WANAKA: Torque Marine. Wanaka Ph 03-443-6404

FIJI:

NADI: Yacht Help Fiji. Nadi Ph 679-675-0911-2

WEBSITE INFO: Visit our website for new and used engines and trans, parts, accessories, servicing etc. www.volvopenta.co.nz

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