



## NZ BUS ALEXANDER DENNIS REPOWER

NZ bus, the largest operator of urban bus services in New Zealand, have recently repowered two Alexander Dennis buses in their fleet.



The original MAN engines and Voith transmissions were removed and replaced with a 240hp Cummins engine and a T280R Allison transmission. A total of three buses have now been repowered with T280R transmissions. The repower install was completed by Fleet Servicing Ltd in Auckland.

All new Alexander Dennis buses coming into the NZ market are now fitted with the T280R transmission.

The T280R is one of the Allison Torqmatic Series, it is a medium duty on-highway transmission and is an ideal choice for city buses and coaches. It's advanced electronic controls ensures efficient operation in all kinds of terrain and inner city traffic.

## FISHING WITH AGIP OIL

Sanford Limited is a large and long established fishing company devoted entirely to the harvesting, farming, processing, storage and marketing of quality seafoods and aquaculture products, with a focus on the clean waters of New Zealand.

Sanford owns and operates a diverse fleet of vessels for inshore and deepwater fishing including vessels for freezing and processing at sea.

Essential to keep their fleet of vessels operating and maintained is the choice of oil.

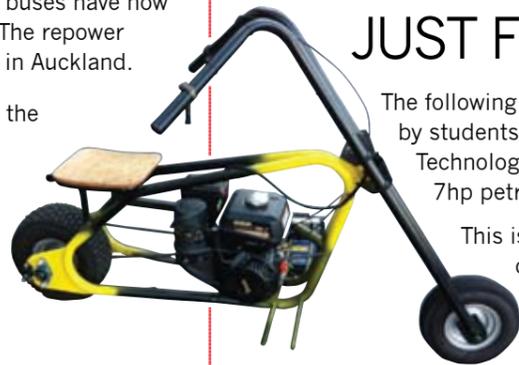
TransDiesel and AGIP have recently been selected as Sanford's preferred oil and lubrication supply.

TransDiesel are currently supplying engine and industrial specialty oils and are also providing oil analysis to the fleet of vessels.

Along with supplying oil to Sanford's, TransDiesel already provide general engine repair, parts and service support to some of the vessels in their fleet.



## JUST FOR FUN



The following picture is a mini chopper built by students at the Waikato Institute of Technology and powered by a Kohler CH270, 7hp petrol engine.

This is what they had to say. "Just got chopper running. To put it mildly the acceleration is insane. It started first every time. Everyone here is very impressed."

# TORQUE-IT-UP

JULY 2012 ISSUE 30



# BIG LAUNCH



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## WORD FROM THE TOP



The last 12 months have just flown by as we have transitioned from being a medium sized enterprise to a much larger business, complete with the Volvo and Yanmar brands on board.

We have had our share of challenges as we come to grips with the increased demands of a much larger equipment business.

Overall we are pleased with our progress and we are confident that we are steadily improving our sales and service coverage around the country and in turn the level of

support for the products we represent.

Since the 7.1 sized earthquake at 4.35am on September 4th 2010 our people in Christchurch have witnessed events that none of us ever truly thought could happen to us. We are all very thankful, that while some of our people have had their own individual housing issues related to the earthquakes, our Halswell Junction Road Head Office site has been largely unaffected by the seismic activity of the last 21 months. As I write this, even now we are continuing to have regular medium sized quakes to keep us on our toes. One thing we have learnt as a business and individually is to never take anything for granted; events like this do happen and could continue to happen for a long time to come for Christchurch and or other parts of New Zealand.

Notwithstanding the challenges the city currently faces there is an air of optimism of what Christchurch could become in the future and with a blank sheet of paper to work off the possibilities are endless. I trust that the various different bureaucracies and government agencies involved will make some good decisions for the future of the city.

As a supplier of Construction Equipment and Generator Sets we are optimistic we can expect some very strong demand for the products and services we are able to offer. We are already seeing that with over 35% of the Construction Equipment being purchased in NZ in 2012 coming into the Canterbury region.

We opened our 12th branch in Palmerston North in March, completing our branch reorganisation and expansion and the first phase of our life as bonafide Construction Equipment dealer. This was one of the many highlights of what has been a very busy year for TransDiesel and the following stories are examples of what an exciting and dynamic company and industry we are part of. Thank you for your ongoing support. Enjoy.

Mike McKessar - CEO

# VOLVO OCEAN RACE 2012

**Riding on the wave of an epic global event, that pushes crew members to the very limit of human endurance, gave TransDiesel the opportunity to showcase three new generation heavyweight Volvo machines. The Volvo Ocean race is the longest professional sporting event in the world, taking nine months to complete and passes through four hostile oceans and around five continents.**

During the nine months of the Volvo Ocean Race, which started in Alicante, Spain in October 2011 and concludes in Galway, Ireland, during early July 2012, the teams will sail over 39,000 nautical miles of the world's most treacherous seas via Cape Town, Abu Dhabi, Sanya, Auckland, around Cape Horn to Itajaí, Miami, Lisbon, and Lorient.

In March the boats arrived into Auckland and TransDiesel took the opportunity to launch two brand new Volvo machines to the New Zealand market during this stop over.

Valued clients and trade journalists from NZ, Australia, Southeast Asia, India and Japan were treated to a live display of the brand new L250G wheel loader and an EC480D excavator, along with an A40F articulated hauler.

The demonstration was held at Stevenson's outstanding quarry in Drury (South Auckland), which is one of the largest and most modern quarries in New Zealand and was the perfect location to show the machines full capabilities in their natural environment. The demonstration showed first hand, the power, performance, productivity, serviceability and fuel efficiency of these new heavy duty machines.

With support from Volvo Corporate and Stevenson's Drury quarry team, guests were entertained to a choreographed show of the three machines, a tour of the quarry and a walk around allowing plenty of time to study the machines up close and to speak to the product specialists in attendance.

Guests were also treated to spectate and experience the In-Port race on board a boat in the harbour, of which Camper / Emirates Team New Zealand won, which added to the overall excitement of the weekend.



Scan this QR code with your smart phone, or visit <http://youtu.be/MOYhjOzUg4Y> to see film of the Volvo CE product demonstration.



Time was also spent in the race village around the viaduct, where TransDiesel showcased an L70F wheel loader alongside Volvo trucks, buses and cars. Volvo construct an impressive pavilion, at the heart of every race village for each stopover, where there are interactive displays about the Ocean Race and Volvo products, all of which demonstrated Volvos core values of safety, quality and environmental care, in an innovative, forward thinking way, along with a sense of fun and adventure.



"This is an excellent mix for us and for the customers," says Paul Torrington, Vice President of Volvo Oceania region. "We have the chance to show our new products and meet our customers more informally for longer than usual, thus strengthening our relations."

"Customers acquire up-to-date information on our innovations, have the opportunity to tell us what their future needs are and, thanks to the Volvo Ocean Race, have an experience beyond the ordinary."

Paul added, "The Volvo Ocean Race stopover event in Auckland was extremely well planned and executed by TransDiesel, our dealer partner in New Zealand. It was particularly pleasing that this event coincided with the first anniversary of TransDiesel being appointed as the Volvo Construction Equipment dealer for New Zealand. It was the culmination of a wonderful first year for the business incorporating a very successful transition. TransDiesel have delivered on their commitments and proven to be an excellent partner for Volvo."

TransDiesel would like to take this chance to add personal thanks to Steve Ellis, Robin Barker, Shane Toto and Fred Cole of Stevenson and their team at Drury quarry for their help, support and hospitality that enabled TransDiesel to host a successful event which has been since reviewed and praised on a global scale.

## KOHLER POWER GENERATION ROAD SHOW

TransDiesels' Power Generation team are embarking on an outdoor marketing campaign to promote our range of Kohler standby generators. With the objectives of showcasing the versatility of the residential range as well as enhancing the brand and product awareness, a fully functioning 14RES (14kVa) generator has been fitted into a trailer for display and demonstration purposes.



This innovative strategy will create a first hand experience for spectators, during which they will be able to see, touch and hear the generator as it operates.

The generator set is connected to an automatic transfer switch, along with a mains power connection which enables a simulation of a mains failure, that in turn shows how simple the functionality is and how quickly power is restored when the mains power goes out, highlighting the auto start capability of the generator.



"Those who will see the trailer will be impressed by the speed in which the generator takes to switch to back up power." said Jim Stewart, Market manager for Power Generation

Our power generation team have commenced a nationwide road trip with the trailer to demonstrate and promote the product to customers, dealers and resellers and will also attend various tradeshows along the way.

Also installed in the trailer are some of our Kohler powered PowerForce portable generators.

# REAL JOURNEYS MV TITIROA

Deep in the heart of Fiordland National Park lies beautiful Doubtful Sound, a massive wilderness of mountains and rainforest and a vast expanse of fiord and inlets.

Due to its remoteness the first stage for visitors to get to Doubtful Sound is by boarding a boat and crossing Lake Manapouri. A new boat 'MV Titiora' was purposely designed and built to join Real Journeys existing fleet operating on Lake Manapouri to ensure the lake crossing is also a comfortable and memorable part of the visitors experience.

Designed by Incat Crowther and built in Wanganui by Q West boat builders, this catamaran can carry up to 138 passengers across Lake Manapouri. The 'MV Titiroa' cuts down on the number of crossings required by the older and smaller vessels it replaces and offers a better experience for travellers.

Real Journeys Chairman, Bill Baylis said that approximately 48 thousand passengers travel to Doubtful Sound a year and that Real Journeys always aimed to provide "the very best experience we can." The new vessel was tangible evidence of that.

Titiroa took 5 years of planning and research by Real Journeys and 15 months to build, she is almost 24 metres in length, 7.5 metres wide and weighs around 55 tonnes, making it the largest vessel on Lake Manapouri.



Titiora is powered by twin MTU 12V2000 M70 engines, each producing 785kW and has a cruise speed of 25 knots. Reliability of the engines and availability of parts is crucial to a vessel operating so remotely, to ensure minimal maintenance. The engines were thus selected based on their proven track record.

Real Journeys and Q-West had to also take into account two key aspects when building Titiroa with regards to her operating in Fiordland, firstly the amount of rainfall (an average of seven metres a year) and secondly the native kea, who are always keen to cause as much damage as possible to any rubber seals etc!

One of its more unusual features is its double glazing; to regulate the temperature efficiently, make it quieter (less engine noise) and help prevent windows fogging up, a problem sometimes caused by the unique Fiordland weather. The hull of the aluminium boat has also been painted with Intersleek to help streamline it in the water to save emissions.

The vessel travelled by sea from Wanganui to Bluff, via Lyttleton and then transported by road to Manapouri. This took a significant amount of planning and engineering for the road trip and for the launch at Lake Manapouri as there are no established launching facilities.

"It's something of a logistical nightmare. It's a bit like carting a whale out of water - the forces are against you. I think it's probably the largest thing to move on these roads since the power station days. The transporter has had to import a trailer to carry it," said Real Journeys General Manager of Engineering, Brian Humphrey.

Two large cranes were used to lift the rear of the vessel into the water. Once two thirds of the vessel was floating the cranes picked up the bow and lifted it in. "The toughest part was making sure it wasn't going to disturb either the river bank or any of the river's inhabitants. We made sure there was no machinery in the river at any time, and the boat was lifted cleanly into the water," says Brian.

## EQUIPMENT TERRITORY MANAGER AWARDS

TransDiesel Equipment division recently held their 2011/12 sales conference and awards for the CE Territory Managers at the Rydges hotel in Rotorua.

Brian Docherty, National CE Sales manager hosted the award ceremony with the support of Brandon Ross of Volvo Oceania and Alister McLaughlin, director of TransDiesel.

**TransDiesel CE Territory manager of the year 2011/12 was presented to Darren Terris for achieving the highest sales volume of new equipment.**

**TransDiesel CE Territory manager of the year 2011/12, Runner Up was presented to Dwayne McLellan.**

TransDiesel Volvo CE salesman of the year and Yanmar sales man of the year also went to Darren Terris.

The winner of the TransDiesel Excavator Competition 2011/2012 was Dion Monopoli.

We would like to thank the whole equipment team for their exceptional efforts throughout the past year making it a successful year nationwide in terms of sales and product support in the field.



## CAN YOU GUESS WHAT IT IS YET?!



Metalform has manufactured its own range of specialist farm equipment in New Zealand for the past 20 years with a strong focus on horticultural and agricultural industries.

Now the range has been expanded to meet the needs of the growing lifestyle market with a range of equipment designed to be towed behind any ATV or quad bike. Metalform, have launched

this manure collecting product into the New Zealand and US markets.

The Tow and Collect is a tow-behind unit that you hitch onto your ATV or quad bike and pull it around your pastures and it collects the horse manure into a large rear mounted chamber. Removing manure from pastures is required to stop the re-infestation of parasites that live in manure digested by animals. This can reduce the need to drench as often, especially when some parasites are becoming more and more resistant to drench.

There are two models of Tow and Collect – the 1500 Pro and the 700 Mini. The 1500 Pro model features a Kohler CH270, 7hp key start engine coupled with a 2:1 reduction gearbox and clutch.

The CH270 is a four-cycle, single cylinder petrol engine engineered to perform in the harshest environments. It has proven to be a great engine for this application.

The engine drives a rotating brush shaft that sweeps along the ground as you pull the machine along, flicking the manure into the catcher. To empty – just reverse the machine to your dumping site and simply unwind the catcher.

## PAT'S PATCH C3 AND TRANSDIESEL'S CARETRACK PROGRAMME EXPOSES TOP GUN LOADER DRIVER.

Article written by PAT COX

Nestled in the foothills of Te Urewa National Park, is the logging town of Murapara, in its boom time it had a population of three thousand people. Many a good logger gained his skills here working for Kaingaroa Logging Company and then Fletcher Challenge Forest. Francis Leslie is one of those people and after twenty eight in Murapara he joined Stevedoring Company C3 as a loader driver on the wharf at Marsden Point Northland.

After 12 years with the company Francis now drives one of the new L220G wheel loaders unloading



logging trucks at the port. On any given day he can expect to unload as many as a hundred trucks. Francis has nothing but praise for the L220G and its capabilities. The attention that Volvo gives to the design and comfort of the cab makes operating this machine so much easier.

C3 and TransDiesel using the Caretrack system monitored Francis and all the L220G operators for a period of three months. The main components assessed were: machine utilisation; forward and reverse shifting speeds; component temperature range; average fuel usage; and engine revs against torque. All the operators performed their duties with outstanding results, but one guy stood out above the rest: Francis Leslie, he received an award for recognition of excellent operating skills and technique.

You might think that this is a case of big brother watching you; but the Caretrack programme is great for owners and operators to monitor their skills and production and maintain a safe working environment. Francis Leslie is now considered C3's Top Gun loader driver.

## FINLAY 3 CROWN AWARD

TransDiesel have been awarded a Two Crown award from Terex Finlay, as part of their 3 Crown Program. The Terex Finlay 3 Crown Partnership Program is a balanced performance and customer satisfaction rating and reward program that involves all aspects of a Terex Finlay dealership, such as equipment purchases, warranty, and training. The program is designed to recognize and reward the dealer's who are investing in their Terex Finlay dealership and delivering a superior customer experience from sales through service and support.



The award was presented by Phil English of Terex Finlay to Mark Tinsley, product manager of TransDiesel.

# KEEPING IT LEVEL

## WITH KOHLER ENGINES



Located in Katikati, a small town two hours north of Auckland is Mural Town Engineering, a New Zealand company that designs, manufactures, services and sells equipment to the forestry and horticulture industries worldwide.

There are a growing number of Avocado orchards maturing in the Northland and the Bay of Plenty regions, where they are often planted on uneven terrain. The trees can grow up to eight meters in height. Concerns over how to safely and effectively harvest the fruit led Don Rust of Mural Town Engineering to design and manufacture the solution, by way of a self levelling fruit picker. Don has put his extensive engineering and design skills to work to create this unique self levelling picker for use in orchards.

Powered by a four cylinder Kohler Diesel KDW1404, rated at 35.2hp @ 3600 rpm, the all terrain platform is designed to travel across uneven terrain, whilst keeping the picking basket completely level. It has a boom length of 8.5m, can turn 360 degrees and has the ability to pick fruit from the top to bottom of trees.

The machine is operated from the picking basket and has cameras and screens fitted so the operator can see what is happening at ground level. A smaller version will also be available suitable for other applications, such as kiwifruit vines.

# REEFTON'S RICH RESERVES

Reefton, the West Coast's only inland town is nestled in the Inangahua River valley between the rugged Victoria and Paparoa ranges. The town owes its origins to the discovery of gold bearing quartz reefs in the locality in the late 1860s when the gold rush fever hit the West Coast. The township itself was established in the 1870's. With mining came technology and innovation, and in August 1888 Reefton became the first place in New Zealand and the Southern Hemisphere to have a public supply of electricity.

Today mining remains equally as important to the area, coal and gold are both strong with several coal mines in the area. Reefton coal has long been valued because of its high reactivity and appropriate energy and ash. New Zealand coals have characteristics that distinguish them from coals found in other countries. Most of the world's coals were formed in great swamps, about 300-350 million years ago. New Zealand coals are much younger, having been formed 30-70 million years ago, from more-evolved vegetation types and because the original vegetation is different, New Zealand coals have some unusual properties, giving them high value for specialised purposes. The South Island's West Coast region contains New Zealand's only bituminous coals.

## BURKES CREEK MINE

Located in a valley just North East of Reefton township is Burkes Creek, the home of Burkes Creek Mine.

The Banks family have a long and extensive history in mining having all worked in or managed at various local mines over the years. Richard Banks senior first started mining at the Burkes Creek site in 2000, initially mining underground. Now managed by Richard Banks Jr, the mine is growing fast and has been operating as an open cast mine since 2009. Richard has purchased three new Volvo machines to continue to establish the mines full potential and production. The coal is sold to Holcim for the domestic industrial market on the South Island.



The most recent addition to Richards Volvo fleet is an A30F articulated dump truck. This is used alongside an EC480D excavator which is used to excavate and clear the overburden, while an EC210C strips and excavates the coal. The EC210C is fitted with a tilting bucket and a thumb to maximise its capabilities in the mine.

The EC480D was actually the very first of it's type off the production line worldwide and was showcased at the Volvo Ocean Race demonstration event before being delivered to Richard. Both excavators have been fully guarded to ensure good protection of the machines, working in tough conditions.

Burkes Creek Mine produces between 1,500 and 2,000 tonne of coal per month from a seam which has a depth of 8 metres, and runs deep into the hills and across the lower land of the mine site. Throughout the site old hand picked excavated tunnels can be found, created in the past by the areas rich history of miners working throughout the region. The mine and past mining shafts will be progressively rehabilitated over the life of the mine.

## REDDALE MINE

In the same region and lying just the other side of the hill is Solid Energy's newest open cast mine, Reddale mine.

Reddale mine opened in November 2011 and took four months to remove 190,000 m3 of overburden before extracting it's first coal.

The mine is now in full production, supplying coal to the domestic market of Solid Energy's industrial customers on the West Coast and upper South Island.



The mine is operated by contractor Doug Hood Mining Ltd who will excavate about 800,000m3 of overburden and produce a total of about 140,000 tonnes of coal over the next two to three years.

Doug Hood Mining are operating a fleet of their Volvo machines at Reddale. An EC700C excavator is used to remove and load the overburden and an EC290B and EC360C are used to excavate and load the coal, whilst five A40E articulated haulers work transporting the materials within the mine. Also a L90E wheel loader works on site on a variety of tasks. All of the Volvo machines are serviced and maintained on site by TransDiesel technicians. As the coal is extracted the site will be progressively rehabilitated over the life of the mine and all mining and remedial works are expected to be completed within five years.

## NEW APPOINTMENT



Craig Nicolson has been with TransDiesel for 5 years, previously in the role of parts territory manager for Otago and Southland. Craig has now joined the Equipment Division and is settling into his new role as Construction Equipment Territory manager for the same region. Craig is replacing Dwayne McLellan in this region, as Dwayne has decided to leave TransDiesel to take on a new challenge. We wish Craig well in his new role and Thank Dwayne for his hard work and wish him luck with his new direction.

## HIREQUIP GROWS WITH NEW YANMAR FLEET



HireQuip continues to invest in new high quality fleet for its customers. Recently TransDiesel formed part of this growth with the supply of twenty new Yanmar Vi017, 1.7 tonne mini excavators.

The units have been a successful addition to their hire fleet with the majority being situated in the Christchurch area.

TransDiesel are pleased to be a key supplier to HireQuip with not only the supply of new capital equipment, but also after market support products, such as Kohler engines for the repowering of log splitters and lawnmowers, together with oil and filtration products nationwide.