

Lubey News



Memolubs installed 10 years ago at concrete plant still go strong

Memolubs that were installed at Burnside Boral concrete plant in 2000 still get services regularly by Lube Control and still operate efficiently

Lubey News

March/April 2010

In this edition of "Lubey News"

- Who got engaged?
- Spotlight on Terry Hern from SAS Pine
- Quick Ed
Problems with heat transfer systems
- 10 year anniversary for a Memolub installation
- Feature product – Panolin HLP Synth
- What's on in Adelaide? The Clipsal and the Fringe



Taking the plunge

First of all – a BIG apology that Lubey News has not been regular over the Christmas break, but we have a good excuse.

Yeap the ring says it all. I got engaged to my lovely girlfriend Tamara. When I asked her she said 'yes' and I said 'really?' – I was surprised. What I didn't realise was that initial week 25 hours of a 24hour day was spent planning the wedding with her mother. For anyone not married, let that be a little tip for you!

Not only the proposal but it has been organised chaos at Lube Control. Busy busy busy (that is twice as busy as busy).

Anyway now we're on track again and we have another edition of "Lubey

News".

In this edition you will meet funny man Terry Hern who is in the spotlight – a man who should have his own show in the Adelaide Fringe, a fantastic new product synthetic biodegradable hydraulic oil with outstanding properties, a case study of Memolubs installed at a concrete plant for over 10 years, and I review the important events that are happening in Adelaide in the next month – the Clipsal and the Fringe.

Enjoy!

Kai Linke

Lube up!

Feature Product

Panolin HLP Synth

Synthetic BIODEGRADABLE

Hydraulic Oil



Operating in an environmentally sensitive area?

Need a synthetic hydraulic oil?

Do you produce an organic product?

This product is revolutionary!!!

Spotlight on...

Terry Hern

Name: Terry Hern
Company: SAS Pine
Position: Maintenance supervisor

Terry – a funny guy from SAS Pine is the maintenance supervisor. You can always guarantee a joke from Terry, and 99% of the time not a clean one.

Lube Control started out supplying Terry lubricants to solve some of his overloaded equipment consisting of gears and chains. Now Terry has started to purchase Castrol Lubricants.

We asked Terry a few questions.

Terry you look great in this photo. Did you always want to be a pin up guy in Lubey News?

Well its better than the Mobil calendar... have you seen the ladies in that?

What is a wild night out for you?

Away from the wife and kids.

What did you want to be when you were young?

A draftsman to be honest. And then I wanted to be a boiler maker, but dad said I should do a trade first (Terry laughs).

What is your favourite part of your job?

Taking the Mickey out of everybody.

What are your daily challenges?

Like any maintenance; ordering, dealing with reps and repairs.

Out of all your work experiences, what was the most fun?

Years ago, in a rubber factory, the plant engineer gave the green signal to operate as everything was good. When we started the machine the oil rained out of it. Not once, not twice but three times.

If someone else took your position what would be your biggest tip to them?

SUCKER. IDIOT.

What is your biggest lubrication problem?

Heat transfer oil coking up.

What is your favourite Lube Control product?

Addinol Ecogear 460M. It lasts all year. And of course the Chain Lube.

And finally who would you turn gay for?

Whoever has the most money and littlest penis.



Terry Hern – SAS Pine
Maintenance supervisor

SAS Pine

Quick Ed – Cleaning and maintaining a heat transfer system

Heat transfer systems are not a lubrication related topic, but they do use oil and they can be a maintenance disaster. With some heat transfer systems and some heat transfer fluids oxidation will occur and heavy coke and sludge build up will be present. Dirty systems will reduce the thermal efficiency and may block the proper operation of safety devices. A clean heat transfer system reduces operating costs through efficient operation and provides safer operation.

If you have a dirty heat transfer system then you can clean it by adding a Petro Canada product called "Heat Transfer System Cleaning Fluid". This will loosen any carbon build up in the system.

The heat transfer oil can then be drained. Residual fluids remaining in a heat transfer system may be oxidized. Left in place, these residual fluids can increase the acidity of a new fluid and act as a catalyst for oxidation. Petro Canada Flushing Fluid flushes residual fluid, including residual Cleaning Fluid, from a heat transfer system prior to system recharging. It also helps displace other system contaminants such as water, loose solids and debris, and dangerous light end components that may have resulted from thermal degradation of the previous fluid. Thus, flushing with Petro-Canada Flushing Fluid results in a cleaner and safer system environment, maximizing the performance and the service life of the new fluid, and lowering overall operating costs.

It is then recommended to use Petro Canada High Temperature Heat Transfer Fluid in the system to eliminate oxidation from happening again. Petro Canada products are imported by Imperial Oils however we are a distributor - for more information contact us.

A clean heat transfer system will be safer and save money by being more efficient!



Dirty HT system



Clean HT system

Memolubs installed 10 years ago at concrete plant still going strong and working efficiently.

Background

Concrete batching plants are generally small with one or two guys operating the daily activities. It is a busy place when jobs are on; conveyors running, trucks in and out, alarms going on and off. The focus is on getting product mixed and out the door to the client. Lubrication is low on the priority.

Boral Burnside concrete plant was in the same situation in 2000 – busy with no one who had the time to grease or look after the plant. Furthermore, the majority of grease lines were broken and other grease nipples difficult or dangerous to get to. Many of the bearings that operate in the plant were prone to being covered in sand, cement and aggregate which do not help their life. Bearing failures were common, unexpected and costly.

Lube Control's Solution

After a Lubrication survey, Lube Control Pty Ltd proposed to install Memolubs to all conveyor bearings. Tail drums had a Memolub with a two outlet divider block. Take up bearings had a Memolub with a six outlet block. Boral insisted that the Memolubs be covered with a protective roof and ¼ inch hydraulic hosing was used as the grease line. In total 11 Memolubs were installed and covered all 42 grease points throughout the plant.

This installation ensured that the bearings were being greased frequently with small amounts of grease, keeping the bearings lubricated and keeping contaminants out.

Conveyor Installation



Memolubs on Head drum



Memolubs on Tail drums and load chute – mounted behind guarding

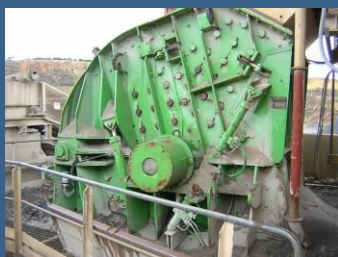


Load chutes with confined space entry

Other installations include...



Memolubs on screens bearings



Hazimac Crusher (this crusher has been decommissioned but is used as an example only)

Ongoing support

It was decided by Boral personnel that the Memolubs be maintained by Lube Control. Every 3 months Lube Control visits the concrete plant, refills Memolubs when appropriate, and repairs any grease lines that are broken or have been worked on (maintenance personal generally do not replace grease lines after taking them off). To this ongoing service Lube Control Pty Ltd checks the oil levels in the gearboxes, tops them up and reports on any issue found.

Other Boral plants that are duplicated

After the success of the installed Memolubs Boral Burnside concrete plant it was decided to gradually fit Memolubs to all existing concrete plants.

This setup and service was duplicated at Marino and Wingfield concrete plants. It was also an opportunity for Boral personnel to see the operation of the Memolub and how it would cope in their environment.

Today, Boral still has Memolubs installed at their concrete plants but also on conveyors, screens, crushers, pugmills, fans, gearbox seals, feeders, load chutes, screw conveyors and dust extraction systems throughout their South Australian quarries.

Fitting Lubrication systems is a fantastic idea, makes sense and can save lots of time and money. It boasts many advantages, however they need to be maintained properly. Regular checks and repairs are highly encouraged.

Thanks to the team at Boral for their existing and ongoing business.



www.lubecontrol.com.au

Lube Control Pty Ltd
Providing lubrication solutions!

Unit 5/53 Norfolk Rd,
Marion, SA 5043

t: (08) 8298 5563
f: (08) 8298 6253
e: info@lubecontrol.com.au

Feature Product...

PANOLIN HLP SYNTH

“Synthetic Biodegradable hydraulic oil”

PANOLIN HLP SYNTH is a revolutionary biodegradable synthetic hydraulic oil. Manufactured by Panolin in Switzerland it boasts the following attributes:

- fully synthetic high-performance hydraulic fluid, zinc-free and environment-friendly, on synthetic ester
- basis with special additives
- prevents gumming and deposits of ageing products, even at high temperatures upto +110°C
- extremely long oil-change interval - lifetime filling (up to 15,000 operating hours)
- far greater reserve capacities than conventional hydraulic oils
- outstanding high-pressure characteristics
- excellent cold flow characteristics (extremely low pour point)
- oxidation-resistant at high temperatures

Panolin HLP SYNTH is available in ISO VG 15, 22, 32, 46, 68 and 100 grade.

This product is ideal for environmentally sensitive areas such as rivers, forests, oceans. However, the technical benefits can be utilised in any extreme machine in our harsh Australian conditions.

The Clipsal and Adelaide Fringe

It's party time in Adelaide. With so many festivals and activities on I would like to give my recommendations of what to see and do.

Get yourself to the Clipsal during the 11th – 14th of March. Thursday and Fridays are always a great night. With a bit of luck we may have Clipsal tickets to give away! We will send out an email if this is the case.

The Adelaide Fringe is on too. Many of the heavy weight entertainers are here and you would be mad to miss them. If you have never gone to the Fringe, make this year a first. Have a look at:

Ross Noble – you will curl over in laughter. This is a very smart and very clever man. No show is ever the same.

Arj Barker – we saw him last week and let me tell you – funny as. Very funny.

Diesel – old school rock singer (you know who he is). Who wouldn't want to see Johnny Diesel. I'll be there.

Till next time – catch you at Lubey News.

Kai



Panolin HLP SYNTH is “**readily**” biodegradable meaning it will biodegrade 71% -78% within 28 days



Although designed for sensitive environmental areas, Panolin HLP SYNTH is suitable for any machine working under extreme conditions.

More Laughs...

Just for Laughs...



This is how you do it!



Lucky I checked my tyre pressure beforehand



Oh, Ha Ha
Very funny guys



OOOOH...
I think I can see my school from here