



Lube Control reduces noise and wear on a ship loader by installing oil lubrication system

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## **Lubey News**

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### **In this edition of "Lubey News"**

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- 6 great tips for oil sampling
- Case study- Reducing noise and wear with a lube system
- The Hot Chick – "Ethel"
- Feature Product - Lanox
- The Husband of the Year awards.

## **Summer is poking its head out.**

Recession? It seems like most people I talk to are busier than ever. It looks like we are on the climb out of the recent bad times. I know that we have had some interesting months picking up new and exciting clients having more products to offer. This is many thanks to our new suppliers including Banlaw – Fuel management systems and Imperial Oils. You will find out more about these products in the newsletters to come and through our new webpage which is only just around the corner.

All in all we now have the resources to offer a competent fuel and lube solution to all industries.

As every industrial magazine and newsletter has "hot chicks" for marketing we decided jump on the bandwagon but weren't so successful and ended up with Ethel the 'Hot

Chick'. Maybe the next editions of Lubey News will bring on the real McCoy with real women selling Lube Control Products.

All in all - in this edition of Lubey News you will hear about a day in the life of Wayne Stevenson from Australia's biggest foundry – Intercast and Forge. Find out 6 important tips for oil sampling and another great case study where Lube Control helps reduce noise on a loading conveyor and our feature product Lanox 'a lanolin" based product. Oh yeah and don't forget to see who is the husband of the year – absolute classic photo.

Kind Regards

Kai Linke

**Lube up!**

### **Feature product**

#### **Lanox - Wool fat**

*A universal product*



Read more on page 4.

## Spotlight on...



Wayne Stevenson – Intercast and Forge

Maintenance Purchasing/TA/Jack of all trades



## Wayne Stevenson

**Name:** Wayne Stevenson  
**Company:** Intercast & Forge Pty Ltd  
**Position:** Maintenance Purchasing

Intercast & Forge is Australia's largest foundry supplying 40% of the Australian Market with cast iron components. Much of the business is export to USA, Canada, Mexico, Columbia, UK, Belgium, Estonia, Japan, Taiwan, Hong Kong, Thailand, Sweden, Malaysia, Singapore, Philippines, Indonesia, India, Sri Lanka, Bangladesh, and South Africa.

The main components manufactured are Automotive, Mining, Earthmoving and rail parts.

Typically in the foundry you will find furnaces, sand casting moulds, hot ladles, shakeout machines, conveyors and much more including a very dynamic and playful maintenance team.

Lube Control have had a long term relationship with Intercast and Forge supplying automatic lubricators. However it has only been in the last couple of months Lube Control started supplying Castrol bulk oils. This is only thanks to Wayne Stevenson and his crew.

We talked to Wayne their maintenance purchasing man who wears more hats than one.

**You look great in this photo – did you always want to be a pin up guy in Lubey News?**

Wayne's answer: F#@& Yeah (Which translated to: that would be nice)

**Are you comfortable to take some more clothes off for the shoot?**

Yeah – who wants a six pack when you can have a keg. Wayne started to unbutton his shirt as is seen in the photo.



**What is a wild night out for you?**  
Beers and Barbie

**What did you want to be when you were young?**  
A footballer, but I failed dismally

**Your favourite part of your job is...?**  
Annoying Kev (Wayne's boss). Nah – actually it is building customer relationships – or the lack of.

**If you weren't in your role today what would you want to be?**  
A security guard

**What are your daily challenges?**  
Urm... Making sure we got everything here.

**If someone else took your position what would be your advice to them?**  
Have patience. It will happen.

**What is your favourite pastime?**  
Family

**What is your biggest lubrication problem?**  
Getting the right gear

**What is your favourite product from Lube Control?**  
Wire lube brushes, for our recycled oil system

**And finally... who would you turn gay for?**  
Na – Never. Now where is my carton of beer?

**Wayne's Life Moto:**  
We never lose at home!

## 6 great tips for oil sampling

- 1) Machines should be running in application during sampling. That means samples should be collected when machines are at normal operating temperatures, loads, pressures and speeds on a typical day. If that is achieved, the data will be typical as well, which is exactly what is desired.
- 2) Always sample upstream of filters and downstream of machine components such as bearings, gears, pistons, cams, etc. This will ensure the data is rich in information. It also ensures that no data (such as particles) is being removed by filters or separators.
- 3) Create specific written procedures for each system sampled. This ensures that each sample is extracted in a consistent manner. Written procedures also help new team members quickly learn the program.
- 4) Ensure that sampling valves and sampling devices are thoroughly flushed prior to taking the sample. Vacuum samplers and probe-on samplers should be flushed too, and if there are any questions about the cleanliness of the bottle itself, it should also be flushed.

5) Make sure that samples are taken at proper frequencies and that the frequency is sufficient to identify common and important problems. Record the hours on the oil where possible, especially with crankcase and drive train samples. This can be a meter reading or some other record identifying the amount of time that the oil has been in the machine. If there has been any makeup fluid added or any change to the oil such as the addition of additives, a partial drain or anything similar, communicate this information to the lab.

6) Forward samples immediately to the oil analysis lab after sampling. The properties of the oil in the bottle and the oil in the machine begin to drift apart the moment after the sample is drawn. Quickly analyzing the sample ensures the highest quality and timely decisions.

## Case Study - Lube Control helps to reduce noise and wear on a ship loader

Lube Control was consulted when a ship loading system was making extremely large amounts of noise as soon as it was turned on.

### Background

The loading system was built to load sand onto ships via conveyor belts at Port Adelaide. The main conveyor belt had to be short and wide therefore it was supported with struts. These struts ran on a guide rail. The conveyor belt was driven by a duplex chain the length of the conveyor belt. This is a very uncommon design. Little consideration had been made to lubricate the struts or the chains. Unfortunately easy lubrication is often not designed into machine manufacture.

Within 5 minutes of the loading system being turned on noise became evident and worsened with every minute of the system operating.

### Lube Control's Solution

Initially it was thought that the noise was coming from the guide rail and it was uncertain if the chains were making any noise. Lube Control installed a 240V, 4L reservoir lubricator to lubricate the two guide rails. The lube system was chosen so it could be amended by adding another pumping element should the drive chains need automatic lubrication in the future.

The system was turned on and instantaneously the noise was reduced, however links in the chain started to kink and a slight noise was still audible.

Lube Control utilised the extra pumping mechanism that was initially considered together with a four outlet divider valve to lubricate the chain links.

Now Lube Control supplies the customer with a CLP 220 gear oil to flood the guide rails and chains to lubricate and flush away dirt and dust. The loading system runs with ease, minimal noise and minimal wear.

## What does hot Chick-en Ethel have to say?

Hey guys, I'm Ethel. It is getting sexy and hot in the oven – not to mention Tasty! You should talk to Lube Control if you are having lubrication Issues... Call 8298 5563.



Ship loader – loads sand onto ships



240V 4L Electric oil lubricator with 6 outlets installed



Stainless brushes apply oil on guide rails and chain

## Lubey's Fun Corner...

### Husbands of the year awards goes to...

6<sup>th</sup> Place: Mr UK



5<sup>th</sup> Place: Mr USA



4<sup>th</sup> Place: Mr Poland



3<sup>rd</sup> Place: Mr Grease



2<sup>nd</sup> Place: Mr Serbia



## Feature Product...

# LANOX – Wool fat

Lanolin is a natural wax found in animal wool especially the wool from sheep, commonly referred as 'WOOL FAT' or 'WOOL GREASE', it has wide spread uses, cosmetics, medical, soaps, etc. Down through the centuries the Egyptians, Romans, Vikings, sailors and soldiers alike all used lanolin as a very effective anti-corrosion and waterproofing agent for a variety of metals, materials, timbers, to protect sails, leather, cannons, etc

We now too carry LANOX - a heavy duty anti-moisture, anti-corrosion lubricant made with a high grade lubricating oil and lanolin base with specialised chemical compounds.

LANOX contains no silicon, kerosene, acids or dieselene, is harmless to metal points & surfaces, plastics, painted & enamel finishes, fiberglass, formica, rubber or neoprene seals and it doesn't become sticky, gooey or gum up.

LANOX protects in countless applications:

**CONSTRUCTION & FABRICATION:** Protects bare metal surfaces, frame work and welded joints in the open air from corrosion during construction before painting - Also good for the protection of all unpainted metal held in storage.

**EARTH MOVING MACHINERY:** Use as an anti-seize on track and blade bolts & nuts before screwing together - Protects all blades and bare metal surfaces between use.

**FARM MACHINERY:** Protects all painted and bare metal surfaces, sprockets, chains and cables from corrosion on all tractors, harvesters (grain, sugar, grape, etc), sowers, vegetable diggers and washers in use and in the off season.

**TRANSPORT:** Spray on all livestock crates and gates (rail, road, etc) to protect from rust and chemical corrosion before transit or in storage.

**MINING:** Protects all bare metal surfaces, pump motors (above and below ground), drag lines, winches and associated electricals from moisture and corrosion in humid and adverse weather conditions.

**PROTECTION:** Protects all painted and bare metal surfaces in the open from moisture and corrosion - Protects all timber surfaces for water and dry rot (may slightly darken bare timber but it will not harm it) - Waterproofs and protects leather harness's, boots, etc. Protects Firearms, barrels, etc in long term storage, will not harm stocks or metal finishes.

Thanks for reading Lubey News,

Catcha next time. Kai

September 09 Special

12 x 300g Lanox  
Sprays @ \$90.00 ex GST  
Or  
5L container @\$50.00  
ex GST

LANOX comes in  
300g spray, 5L with  
applicator and 20L  
container with applicator.



[www.lubecontrol.com.au](http://www.lubecontrol.com.au)

**Lube Control Pty Ltd**  
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1<sup>st</sup> Place Husband of the year  
comes from Ireland.  
Because he is holding her hand

