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Applied Air Systems Newsletter

Volume 7, Issue 2

The latest innovations:

- Hankison launches their new compressed air filter at the Energy Generation Conference in Bismarck, ND
- Perma's new NOVA Series Lubricator provides temperature compensated lubrication for up to 12 months.
- Samsung Techwin provides an air cooled option for its SA2000 Series Air compressors that provide you with more installation options for oil free air.
- Summit Industrial Products PG-320 excels at bronze worm gear lubrication in our year long field test.

Inside this issue:

- Hankison announces new filter technology at EGC **2**
- Chicago Pneumatic CPVS offers uncompromising value **2**
- Perma announces the pending release of the NOVA lubricator. **3**
- Samsung Techwin SA2000 Air Cooled Compressors **3**
- Summit Industrial Products provides a great solution for bronze worm gears **4**

2010 Bismarck Energy Generation Conference Wraps Up

Thank you to those of you who visited our EGC booth. We enjoyed showing you the latest technologies from our vendors and getting to know you just a little better.

We look forward to following up with those of you who presented new challenges and applications in the near future.

For those of you who couldn't make it to Bismarck, contact us anytime to discuss your needs.



At left: Jeff Seymour from Perma USA, Scott Harper from Applied Air Systems, Roger Michael from SPX Hankison and H.P. Kim from Samsung Techwin manned our EGC booth with John Staber (Not pictured) from Applied Air Systems.

“Applied Air is ALWAYS Better!”

Applied Air Systems strives to bring the most innovative, up to date technology to your unique applications and provide you with solutions that don't just work today, but are easy to maintain and grow with tomorrow. If your compressed air, lubrication or filtration system isn't performing

properly, give us a call. We have decades of experience to draw from and best in class products that will add to your bottom line.

Ask us about the Air Leader compressor management system from Siga Green Technologies and how it can add quick ROI to your multi-compressor system



Some of our staff got a first hand look at the new Samsung Techwin SA2000-300 on display during a recent trip to Samsung's Houston, TX North American Headquarters. Ask your Applied Air Representative for details!



“Hankison’s new filter is also designed to meet ISO 8375.1 and ISO 12500 standards to keep your system clean and dry. Insist on the best. Insist on Hankison!”



Oetiker Couplings offer a leak-free option that provides your staff with exceptional performance and safety.

Applied Air is ALWAYS Better!

Page 2

SPX Hankison announces its new filter technology At EGC!

If you have ever been around high performance motors you'll appreciate the porting and polishing job at the top of the new filter design from SPX Hankison. It provides a much smoother flow path than the former 90-degree design.

Coupled with a new pleated element this filter provides superior separation and lower pressure drop at a more competitive price point.

Hankison's new filter is also designed to meet ISO 8375.1 and ISO 12500 standards to keep your system clean and dry. Insist on the best. Insist on Hankison!



Chicago Pneumatic's CPVS: An exceptional value in VSD Compressors.

When Chicago Pneumatic says that they designed their compressors for you they weren't kidding! They included many items as standard that other manufacturers would provide as an extra cost option.

100% inlet filtration of all of the air going into the package keeps your coolers cleaner. A centrifugal fan *pressurizes* the standard enclosure to keep unfiltered air out. The compressor comes with a line reactor as standard equipment which allows CP to offer a 5-year warranty on large components *including* the variable speed drive. Chicago Pneumatic is also whisper quiet. *How about an unheard of 66 dBA operation in a 100 HP compressor?*

Coolers are out in the open and easy to service. Standard maintenance can all be done from a single door.

Need multiple compressors? The CPVS and its standard drive cousin CPE / CPF Series compressors have an integral sequencer for up to six compressors.

Find out more about these robust compressors in sizes from 20 to 250 HP and pressures from 60 to 190 PSIG from your Applied Air Systems representative today.



Perma introduces the NOVA Series Lubricator.

The Perma NOVA Lubricator made its North American Debut at the Bismarck Energy Generation Conference this month. It will be available for sale in mid-2010.

What makes the Nova an exceptional lubricator is that it is a temperature compensated electrically powered device that makes its own gas as needed with a hydrogen generating cell.

Users can select time periods of 1–12 months to inject the 130 CCs of grease.

There is no other lubricator on the market like it anywhere.

Find out why Perma is one of the most trusted names in single point lubrication today.

Be sure to ask your Applied Air Systems representative for more details.



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Releases SA2000 Air Cooled Centrifugal

Samsung Techwin has released the new Air Cooled SA2000 Centrifugal air compressor.

Up until now, there have been few air cooled options in the 185 to 350 HP range of oil free compressors. Samsung set out to change this with their new compressor.

With CFM ranges of 770 to 1500 and pressure ranges from 90 to 140 PSIA, these advanced compressors pack a powerful punch in a small package.

You can now install a world class oil free compressor without a special foundation, external hardware or an expensive water cooling system.

Just put the compressor in, plumb and wire it, have Applied Air Systems come in to start it up and you have oil free air .

Interested in more details? Let us know and we'll help you find the right compressor for your application.





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Summit Industrial Products PG-320 is a must for your bronze worm gear box!

Oil samples from bronze worm gears installed outdoors on top of ethanol fermentation tanks were showing excessive wear in a very short time. Summit suggested using their SYNGEAR PG Series ISO 320 Polyglycol lubricant as a potential solution.

After over a year of testing the results were indisputable. PG-320 reduced the presence of copper by over 90% versus the manufacturer recommended PAO lubricant.

Another big plus is that the fluid lasts longer and is expected to last 18 to 24 months rather than the industry standard 12.

With a -49 F pour point and a viscosity index of 245, SYNGEAR PG-320 adds a little more protection for your iron bevel gears and a huge advantage in helping to make your bronze worm gears last a lot longer with less maintenance.

Ask your Applied Air Systems representative for details.

