

INNER RING

News and Technology from
SKF Canada Ltd.

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Engineering Manager



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SKF®

SKF supports WorldSkills Competition in Abu Dhabi

SKF is proud to be able to contribute the bearings to the Sheridan college industrial mechanic millwright team for the WorldSkills Competition in Abu Dhabi.

SKF's donation truly creates long term benefits of education and life-long learning across the global landscape.

Craig Brazil (right) at Sheridan's Skills Training Centre in Toronto



The WorldSkills Competition is a biennial event that hosts over 1600 competitors from 77 member countries and regions in 51 skills competitions. Each WorldSkills project is equipped with highly skilled professionals, supported by strategic global partnerships, and endorses SKF's vision to improve the world with the power of skills.



The mission is to raise the profile and recognition of skilled trades people, and show how important these skills are in achieving economic growth and personal success. This year, Abu Dhabi welcomed over 200,000 visitors between the 14th to the 19th of October to demonstrate technical abilities both individual and collective. Sheridan college represented Canada in the industrial millwright competition, having the task of building a pedal powered water purification system.

The team was eager to impress as the new kids on the block, with the guidance of Sheridan Colleges' program instructor, Craig Brazil, as well as the leadership and mechanical acumen of their team leader Deanna Reynolds. The team is pleased with their progress and worked diligently to try and make a splash at the competition even if they stood as underdogs.

SKF and Sheridan college stand together as they train the skilled workforce of tomorrow as well as hold a strong vision of corporate responsibility beyond our own borders.

GOTHIA CUP The World Youth Cup PRESENTED BY SKF

Gothia Cup 2017 Results

1700 teams from 80 nations participated in the 2017 Gothia Cup, the world's largest youth soccer tournament, held in Gothenburg, Sweden. SKF is the main sponsor of this tournament.

In addition, 24 SKF countries around the world got to send one team for free, all expenses paid. These teams all stay together and SKF calls this initiative "Meet the World".

In May, SKF Canada supported a tournament in Toronto, and the winning team – Boys U14 East York Predators – went to Sweden in July to fly the Canadian flag.

The team performed very well both on and off the field. Earning a 2nd spot in their group and proceeding to play-offs, they soon faced a really strong French team in the playoffs and were unfortunately eliminated. But their memories from this experience is not on this loss, it is on the wonderful time with young people from all over the world, learning, sharing and setting the stage for a brighter future.

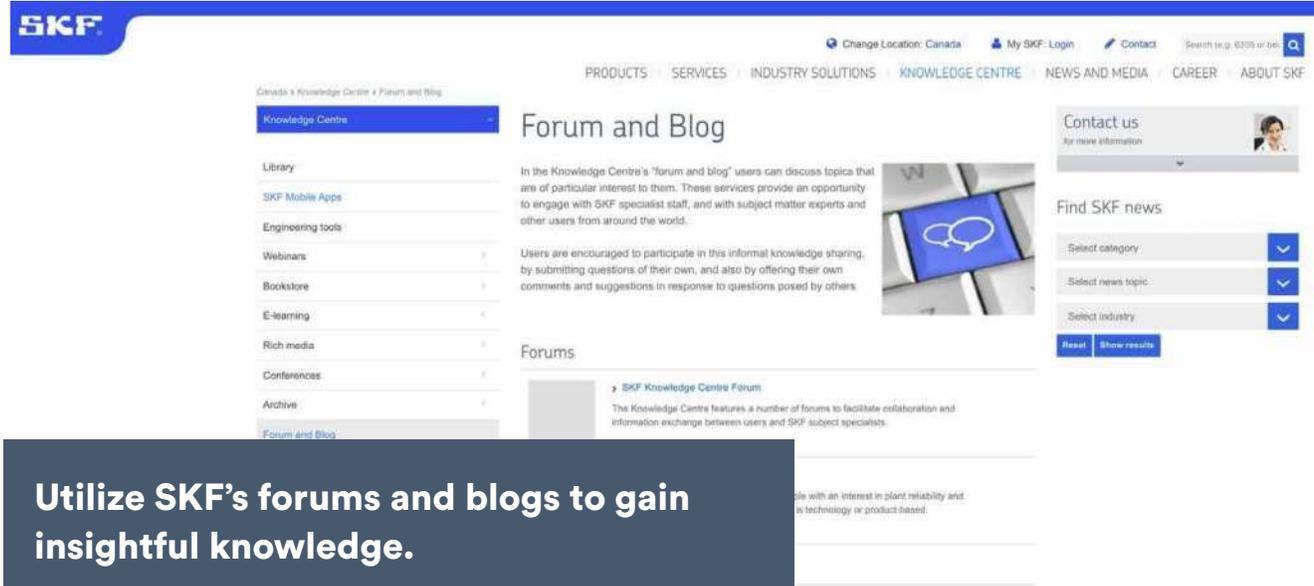


(Right) Photos of Boys U14 team that was sent to Sweden this summer to participate in the Gothia Cup.



SKF ONLINE

Learn how SKF products and know-how can help you get the most out of your machines with educational videos, online tools and more!
Visit our knowledge centre at SKF.CA



The screenshot shows the SKF Knowledge Centre website. The top navigation bar includes the SKF logo, a search bar, and links for 'Change Location: Canada', 'My SKF: Login', 'Contact', and 'Search (e.g. 6208 or cm)'. Below the navigation bar, there are tabs for 'PRODUCTS', 'SERVICES', 'INDUSTRY SOLUTIONS', 'KNOWLEDGE CENTRE', 'NEWS AND MEDIA', 'CAREER', and 'ABOUT SKF'. The main content area is titled 'Forum and Blog' and contains a 'Library' sidebar with links to 'SKF Mobile Apps', 'Engineering tools', 'Webinars', 'Bookstore', 'E-learning', 'Rich media', 'Conferences', and 'Archive'. The main text describes the forum and blog as a platform for users to discuss topics, submit questions, and share information. A 'Contact us' box and a 'Find SKF news' search form are also visible.

Utilize SKF's forums and blogs to gain insightful knowledge.

Our blogs and forums are the perfect platforms to engage with SKF specialist staff, subject matter experts and other users from around the world.

We encourage you to participate by submitting questions, discussing topics that interest you and sharing valuable information and suggestions in response to questions posed by others.

You're a few clicks away from free, accessible and pertinent information. Sign up for an SKF account and reap the benefits of over 100 years of experience and knowledge.



SKF Reliability Discussion Forum: goo.gl/QKWLnj
Covering all aspects of plant reliability and condition monitoring



SKF Knowledge Centre Forum: goo.gl/Y3C3tR
A number of forums to facilitate collaboration and information exchange between users and SKF specialists

SKF Online features a different section of the SKF website in every issue

Find these and many more at SKF.CA

SKF CANADA 100

SKF Canada celebrated their 100th year in business by hosting a gathering at the Liberty Grand in Toronto.



1917-2017

SKF staff, alumni and special guests joined us for a day of reflection, as SKF Canada celebrated their 100th year of business this year.

A variety of old and new exhibits were setup throughout the venue, displaying everything from vintage artifacts of SKF Canada to the company's involvement in local community events.



SKF AB President and CEO Alrik Danielsson attended the event in Toronto and hosted the "SKF Future Forum" discussing SKF's future activities and plans for new technology that may be implemented in to SKF culture in the near future.



New SKF innovations such as maintenance free railway bearing which is capable of up to 1.7 million kilometers (42 times around the world) between service intervals and SKF Enlight program which is a mobile and cloud-based system that helps operators document and manage machine operation and maintenance tasks.



The Canadian ambassador to Sweden also made a guest appearance at SKF 100. The honorable Per Sjogren joined in on the festivities, greeting fellow SKF staff and alumni.

Guest speaker Jamie Clark regaled us with his "Stories from the wild side of business" and entertained the crowd with comical and inspirational anecdotes from his own life experiences in the business world.

A SKF 100 history quiz was given out to all employees prior to the formal dinner. There were 10 questions in the historical quiz with all the answers available throughout the exhibits in the foyer. Great prizes were awarded to the individuals with the highest amount of correct answers.

Before the night was through, SKF Canada was presented with an anniversary gift by Alrik Danielsson from SKF Group. A beautiful art piece made of blue Swedish crystal was given and is currently on display at SKF headquarters in Toronto.

A tremendous time was had by all and we would like to thank everyone involved who assisted in making this event a success!



Do you have a technical question?

Engage the SKF Engineering e-mail hotline and get help with the answer!



SKF makes 500,000 bearings every hour and they end up being used in a plethora of applications. Bearing users do have questions about them, some are easy to answer, others very difficult. When you have a question but no answer, your second question is likely “Who would know the answer?”



SKF Canada engineering e-mail hotline is open to our Distributor partners and customers. The application engineers take turns in answering technical questions and help you get the most out of our products.



SKF's global library of engineering information and tools are at their fingertips. If they are unsure of the answer or if the question relates to something that has never been done before, the question is escalated to more senior level engineers. SKF has over 40 industry segments, each with engineering specialists and chances are very good that they have the information you are looking for!

If you are an SKF distributor partner or a bearing user, do not hesitate to contact SKF for your technical question. And as the saying goes – there are no wrong questions!

Technical Question? Email skfenghotline@skf.com

SKF

SPOTLIGHT

SKF is known for having some of the most knowledgeable people in the industry and we will introduce a few of them to you. We encourage you to reach out to John and draw on his experience!

Name: John Melanson

Position: Engineering manager, based in Toronto

Background: John has over 20 years application engineering experience, including assignments in Germany and western Canada. John now manages a team of Application engineers based all over Canada but is still very hands-on, especially regarding the steel industry.

Trends: Customers are more self-reliant in finding technical information. When they need to engage manufacturers like SKF, the topics are getting more complex and on system-level, not component focused. That is why SKF is focusing on rotational equipment performance - trouble-free operation for rotating assets.

Tips: Engineers will run across challenging applications that may require the performance envelope of a component to be pushed. Reach out to the leader in the field and ask if it can be done, they are most likely going to welcome the challenge!

Contact: john.melanson@skf.com



TRAINING SOLUTIONS

NEW 2018 MAGAZINE AVAILABLE

Our training courses have been developed with over 100 years of experience and knowledge of rotating equipment reliability that is unmatched in the world. Our close working relationships with equipment owners and designers have given us an intimate understanding of the processes and challenges specific to every major industry within the continuously evolving global community.

Visit our Training Page at:

skf.ca/sts



SAVE MONEY AND THE ENVIRONMENT

with SKF Rebuild Programs



SKF has decades of experience in remanufacturing. Our service centers offer professional capabilities to remanufacture, refurbish, recondition, rework or upgrade of key industrial components and systems.

The select shops that participate in the SKF Certified Rebuilder Programs are trained to use best-in-class practices and SKF components to:

- Restore part efficiency to like-new condition or even better!
- Reduce unplanned downtime and energy bills
- Improve bearing reliability
- Reduce total ownership costs
- Eliminate recurring failures

Through extended partnerships SKF can offer cost effective solutions for total product lifecycle optimization and lower operational costs. Reducing negative environmental impact is an increasingly important issue. Remanufacturing can be a significant contribution to improved sustainability, by reducing natural resource and energy use.

We repair:

- Pumps
- Motors
- Large Gears
- Large Gearboxes
- Large Bearing & Slewing Rings



Ensure that your rebuilder is SKF Certified. Look for the official logo

Contact your local SKF Certified Rebuilder today for more information and move to a higher level of productivity and profitability.

SKF TOOLS HELPS KEEP YOUR MACHINES RUNNING

Improving your company's efficiency with SKF branded products

» SKF Enlight QuickCollect

Combining an easy-to-use sensor with mobile apps, SKF Enlight QuickCollect enables you to quickly and easily identify your machine condition and share inspection, process and machine health data across your company.



Watch Video: goo.gl/1E7Y2N

» Shaft Alignment Tool TKSA Series

The TKSA Series are easy to use laser alignment solutions for achieving accurate shaft alignments. With two wireless measurement units, large sized detectors and powerful lasers, the instrument performs in even the most challenging conditions.



TKSA 41

goo.gl/zw7223

» SKF EasyPull mechanical puller TMA series



Equipped with spring-operated arms and a solid design, the patented SKF EasyPull is one of the most user-friendly and safe tools on the market.

Ergonomically designed, the spring-operated arms enable the user to position the puller behind the component with just one movement.

goo.gl/2zzfEP



By applying the right maintenance practices and using the correct tools in all stages of the bearing life cycle, you can considerably extend your bearing's service life and thereby increase plant productivity and efficiency.

More at: goo.gl/o2cwfF

» Portable Induction Heater TIH030m

The heater combines high heating capacity with portability. Placing the induction coil outside the heater's housing allows the heating of bearings weighing up to 40 kg.

The heater is available in a variety of sizes.



goo.gl/TOSupQ

» Battery driven grease gun TLGB 20

TLGB 20 includes an integrated grease meter to help prevent over- and under-lubrication. This unique tool features a durable, ergonomic design with a three-point stand for operator comfort and convenience and a 20-volt, lithium-ion battery.



goo.gl/AOWzgs

» SKF SYSTEM 24 Single Point Automatic Lubrication

Continuously delivers precisely measured amounts of lubricant to desired points via a gas-driven pump.

It is ideal for lubrication points difficult to reach manually, or where there are a large number of lubrication points where manual greasing would be less effective.

goo.gl/1gpzZZ



Talk to your SKF Authorized Distributor for more details and pricing.

SKF.CA

SKF

Featured products from SKF!

SKF has an unique understanding of rotating equipment and how machine components and industrial processes are interrelated. We provide a wide range of products and related technologies to OEM and aftermarket customers around the world, in every major industry, at each phase of the asset lifecycle.



SKF Bearing Calculator

An easy-to-use tool for bearing selection and calculation. Wizard-style application data input is easy to use, and the results are clearly presented.

goo.gl/jbfF6W



SKF Authenticate App

Confirm the authenticity of your SKF products app. Includes instructions on how to photograph the product and automatically submit a request.

goo.gl/h2F5Zy



SKF Shelf App

The easy to use app lets you search and fetch SKF brochures and other product information on the go.

goo.gl/USNHdi

Training Solutions

Learn from the leaders of the field

Training is essential to the success of any business. In today's competitive world, keeping up with and deploying best practices is a must.

WE201 - Bearing Maintenance & Technology

Nov 27-28, 2017 - Toronto, ON

Feb 14-15, 2018 - Winnipeg, MB

WE204 - Root Cause Bearing Failure Analysis

Dec 4-5, 2017 - Toronto, ON

Feb 12-13, 2018 - Toronto, ON

Feb 21-22, 2018 - Montreal, QC*

Apr 9-10, 2018 - Quebec City, QC*

SKF Training Solutions:
Lubhani Sharma
T: 403-519-1655
E: training.canada@skf.com

*indicates a French language course



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