

NEWS & TECHNOLOGY FROM SKF CANADA LTD

# INNER RING



## SKF COOPER

- Cooper Split Bearings rebranded as SKF Cooper Bearings
- Wherever machinery is under pressure to perform in the most demanding operating conditions on land, underground or underwater, you'll find Cooper bearings going strong



SKF acquired Cooper Roller Bearings Co in 2013 as part of the Kaydon Corporation acquisition

Thomas Cooper invented the split roller bearing in 1907, the Cooper brand has been universally accepted as the benchmark for split roller bearing quality and expertise.

Cooper split bearings are easier to install and more accessible once in place. Maintenance of your machinery is therefore more straightforward and less expensive, accordingly revenue lost through unplanned interruption is radically reduced.

The key advantage of using SKF Cooper split roller bearings is that they can be fitted, removed and inspected without the need to dismantle surrounding equipment. This means significant reductions in fitting time over solid bearings, with dramatic reductions in downtime and immense savings in plant maintenance. Savings are especially high in "trapped" or inaccessible locations.

Learn more: [cooperbearings.com](http://cooperbearings.com)



# TRY SKF FOR YOUR NEXT GEARBOX REPAIR

SKF's Industrial Service Centre in Cambridge, ON, specializes in repair and refurbishment of large gearboxes as well as large gearing components. All brands of gearboxes can be serviced. SKF ISC offers advanced engineering & re-engineering, world-class components, in-house gears, pinions or gear wheels up to 25 ft.



Fully refurbished gearbox from SKF ISC Cambridge

Contact SKF Industrial Service Center @ 1-519-623-8806  
330 Pinebush Rd, Cambridge, ON N1T 1Z6

## SUCCESS STORY

**Repair Item:** Hansen 3 stage bevel-helical reducer

**Equipment Location:** Chicoutimi, Quebec

The customer had removed the gearbox from service due to high radial play on the output shaft.

The ISC Cambridge team inspected the gearbox and provided a condition assessment report, including bearing damage pictures showing adhesive wear (sliding of the rollers against the raceways) due to too much axial play on the output shaft (over 0.008”).

After repair the output shaft play was adjusted to 0.002”.

Other improvements include a change to the gearbox input stage which was modified for oil splash lubrication instead of grease. Oil sight glass was added to easily view the oil level (instead of dip stick), along with a special paint colour job as requested by the customer. (Image left)

The refurbished gearbox was delivered back to the client promptly, limiting lost uptime.

## GOTHIA CUP SOCCER TOURNAMENT RESULTS



A group of 15 young girls from Boucherville, Quebec participated in the Gothia Cup, an international youth soccer tournament held in Gothenburg, Sweden.

As reported in last issue of SKF Inner Ring, a girls team from Boucherville won SKF's local Meet the World soccer tournament in Canada with the prize of an all expenses paid participation in Gothia Cup in Sweden.

In July, the team spent 8 exciting days in Gothenburg, Sweden, doing a fantastic job of representing Canada. The team was housed in a school with 23 other SKF sponsored teams from all over the world, and quickly made new international friends. The team played 4 matches against very skilled opponents and were unfortunately eliminated from the tournament, but SKF's intention is for the team to participate both on and off the field.

Among their experiences was for 2 of the girls to join SKF CEO Alrik Danielsson as he welcomed 55,000 participants in the opening ceremony, and 2 of the girls played in the Gothia Cup World game – an exhibition game with 27 different nations represented!

SKF is proudly sponsoring Gothia Cup as well as SKF Meet the world. SKF Canada is looking forward to next year's adventure, more to follow on this later!

The next Gothia Cup tournament will take place 14th–20th of July in 2019.

# LM ENTREPRISES CELEBRATES 70 YEARS OF SERVICE

LM Entreprises is an SKF Certified Motor repair shop

Last year, LM Entreprises celebrated 70 years of business. How does a company active in sales and service of electric motors stay in business this long? By constantly focusing on representing great brands and providing a high quality of service.

LM Entreprises is located close to St Lawrence river, not far from the Old port of Montreal. Despite occupying a large industrial building, it is clear the business is in need of more space – a good sign of growth and success.

Their service repairs electric motors, generators, pumps, gearboxes and a few additional types of industrial equipment. LM is also an agent for several leading brands of equipment and can therefore meet customer needs to repair or replace a piece of machinery that is no longer performing as required.

Customers are found in all types of businesses, however having a strong foothold in the marine industry has allowed the company to develop great problem-solving skills in that area. Currently, a ship in port for more than a day is a rare sight, ships need to be moving to earn a freight rate, meaning downtime for repairs is very much unwanted.



Service technician Louis is putting final touches on a small electric motor passing his work station. He has just finished entering information into the computerized system.



VP of sales Alexandre Fortin showing one of the slightly larger motors passing through the shop.

If you move through the LM repair shop you may notice the absence of paper work and clipboards that accompany a piece of equipment as it moves from various stations undergoing each repair step. This is because LM Entreprises has digitized documentation throughout the facility. There are several computer stations where skilled employees receive work-orders and instructions related to each piece of equipment.

LM Entreprises has now been a SKF certified repair shop for 4 years and is approaching their second re-certification process. *“The certification program has been great; our employees are focused and motivated to do a great job and SKFs processes really put focus on how we can achieve this in a very good way. It focuses on teaching our employees the best practices and standards and helps convey our high expectations.”* says V.P of Sales Alexandre Fortin.

The SKF program also helps from a customer perspective. Many customers would ask LM to follow their own specification for shaft repair, however LM now refers to the SKF specification and advises customers to accept these parameters. The SKF specification for shaft repair is derived from extensive research and experience. Once customers understand this, they accept it. This has reduced the number of different specifications from over 15 to just one, which simplifies the process, reduces risk of non-conformance and assures higher quality repairs.

LM’s customers understand the benefits of working with a certified repair partner. A properly done repair increases the MTBF (mean time between failures) of equipment and yields significant savings over time in just repair costs alone.

Alexandre’s advice to anyone needing a piece of equipment repaired? *“Take a look at your (potential) repair partner, their certifications, their processes and quality system, you will quickly learn if they have the capability to deliver what they promise or not!”*

Visit LM Entreprises online at: [www.entrepriseslm.com](http://www.entrepriseslm.com)

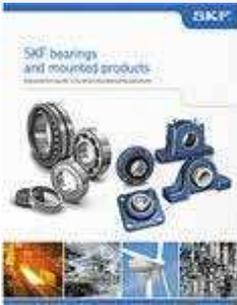


## DOWNLOAD THE FREE SKF SHELF APP

An easy way to access SKF materials & catalogues on your device

AVAILABLE ON:

Learn more: [goo.gl/bya4rY](http://goo.gl/bya4rY)



## SKF BEARING AND MOUNTED PRODUCTS

New for 2018! You will find the common range of bearings and mounted products offered by SKF

Read now: [goo.gl/3e4xFV](http://goo.gl/3e4xFV)

Available on  
SKF Shelf App: 



## CR SEALS HANDBOOK

As part of the CR Seals product brand re-launch we've brought back a updated version of the CR Seals Handbook from SKF.

Learn more: [skf.com/crseals](http://skf.com/crseals)

Available on  
SKF Shelf App: 



## PULP & PAPER BEST PRACTICES

A compilation of SKF pulp & paper newsletters published. It covers various topics including bearing mounting, lubrication, checking tapered seating geometry, remanufacturing and machine speed increase considerations.

Learn more: [goo.gl/sccCzU](http://goo.gl/sccCzU)

Available on  
SKF Shelf App: 



## SKF TRAINING | OCT 10-11 | TORONTO, ON

WE201 | Bearing Maintenance & Technology  
Improve the service life of roller bearings and rotating equipment

Upcoming: Calgary Nov 19-20 | Edmonton - Nov 21-22



## SKF TRAINING | NOV 1-2 | CALGARY, AB

WE204 | Root Cause Bearing Failure Analysis  
Analysing damaged bearings and their associated components

Upcoming: | Toronto Nov 27-28 | Edmonton Dec 4-5

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