

NTN's SPAW/SPW Heavy Duty Mounted Units Keep Transfer Table Rolling

A major Canadian producer of dimensional lumber was experiencing production-crippling bearing failures on their log yard transfer table. The repetitive failures on this critical equipment were causing very costly downtime at a rate of over *\$11,000 per year*, impacting production and requiring a maintenance crew of six, 30 hours over a weekend to rebuild each time.

NTN's engineering and sales support team ran a comprehensive diagnosis of the mill's transfer table troubles. They discovered that the bearings were only lasting an average of *two years* due to the steady stream of dirt, sand, tree bark, rain, ice and snow that the transfer table is exposed to on a regular basis.

The NTN Solution

NTN's team recommended that the mill switch to heavy-duty mounted roller bearing units with end covers, the C-SPW Series. SPAW/SPW heavy duty mounted units feature a sealed spherical bearing that offers superior protection in heavily contaminated environments. Additionally, end covers provide extra bearing seal protection from the massive amounts of heavy debris buildup.

The Result

The NTN solution lasted *six times* longer! The C-SPW heavy-duty mounted roller bearing units with covers successfully ran without a single failure, compared to the original bearings that were failing every *two years*. In fact during the next transfer table preventative maintenance rebuild, the C-SPW bearings were still operable after 12 years.

The increased uptime and reduced maintenance resulted in over \$130,000 in savings over a 12-year time frame. The customer was so impressed by the improved performance that they only use NTN's C-SPW bearings on this application.



VALUE ADDED BREAKDOWN

INCREASED BEARING LIFE

\$70,000*

REDUCTION IN MAINTENANCE

\$30,000*

MISCELLANEOUS SAVINGS

\$32,000*

DOCUMENTED COST SAVINGS

\$132,000*

Cost001875

ANNUALIZED COST SAVINGS

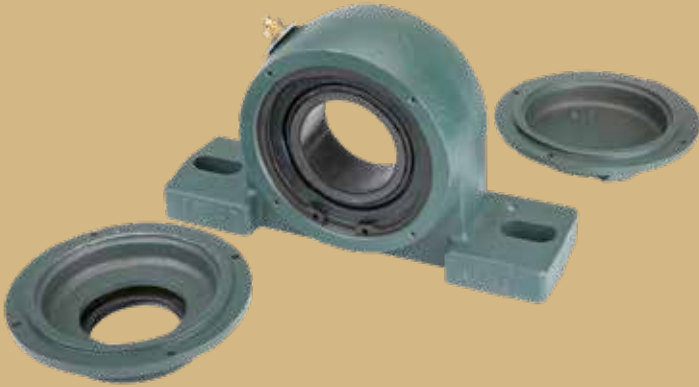
\$11,000*

* All monetary amounts listed in Canadian dollars



NTN SPAW/SPW HEAVY DUTY MOUNTED UNIT

Heavy loads and contamination require heavy-duty protection.



- **Heavy-duty**, one-piece, sturdy ductile iron housing to withstand shocks & impacts from falling debris and cold operating conditions
- **Superior sealing** protection from water and contaminants with spring-loaded, single-lip contact bearing seal
- **Extra bearing protection** with optional end covers for severe debris & contamination services
- **Corrosion-resistant**, phosphate-coated bearing insert, locknut & adapter sleeve for wet environments
- **Prelubricated & factory sealed** for quick, trouble-free installation and start ups
- **Versatile** with repositionable snap ring for fixed or floating operation
- **Drop-in replacement for split housing bearings** permitting faster, easier installations than SAF/SN Units, having the same base-to-shaft center height and bolt position

Here to help you keep business rolling.

We're here to help you achieve your productivity and performance goals. For more information, contact your NTN Sales Representative or **call 1-888-412-4122**. For technical questions, **email techsupport@ntn.ca**.

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Beyond Bearings

Training. Installation Support.
Trouble-shooting. And more.

When you choose NTN, your team is equipped with all the necessary tools and resources to get the job done right. From installation to problem-solving, we'll be there with the hands-on support you need to take on your toughest challenges. This includes extra services such as:



Technical Training Unit

On-site, mobile training unit offering specialized, hands-on instruction from NTN's technical team and always customised to your needs



Maintenance Training School

An intensive three day course on the design, application and maintenance of anti-friction bearings with hands-on workshops



eKnowledge

WEB-BASED TRAINING PROGRAM

Six online product training modules covering different bearing types and nomenclature (www.ntnamericas.com/eknowledge)



NTN Bearing Finder

Customizable search tool featuring exhaustive data sets, comprehensive part interchanges and interactive CAD drawings (www.bearingfinder.ntnamericas.com)

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