

PURITY™ FG2 EXTREME



CUSTOMER:
GOLD-EAGLE COOPERATIVE

RESULTS:

IMPROVED RELIABILITY, MORE UPTIME



LUBRICANTS

AN HF SINCLAIR BRAND

GOLD-EAGLE COOPERATIVE has been providing agronomy services for over 100 years, producing animal feed and grain. It has established itself as a pre-eminent member-led organization in North Central Iowa, one of the most productive agricultural regions in the world.

Across 16 locations, Gold-Eagle Cooperative feed mills comprise over 1,000 pieces of equipment, four pellet lines and nearly 600 gearboxes, producing between 1,500 to 2,000 tons of animal feed daily, all year round.

With temperatures ranging from -20°F in winter to 115°F in summer, a maintenance team of just four people works all year to keep the equipment and crucial feed mills running.



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THE **CHALLENGE**

Prior to working with Petro-Canada Lubricants, Gold-Eagle Cooperative used a grease product that was unable to keep up with the high-level requirements of its feed mills and production targets. The grease was unable to pump through the equipment in cold temperatures, causing the grease lines to be clogged up. As a result, the equipment would struggle to start up in cold temperatures, causing heavy wear within the bearings and potential for production delays. Additionally, oil within the equipment had to be changed at very frequent intervals of three months. This collectively led to high levels of downtime, sometimes amounting to half a day each month, resulting in \$10,000 to \$15,000 being spent on reactive maintenance, including replacing parts and oil changes.

“Petro-Canada Lubricants products have been transformative for our mills. They’ve proved their high quality and durability and we don’t see us using any other lubricants in the near future.”

Tony Scott, Feed Maintenance Manager at Gold-Eagle Cooperative



THE **SOLUTION**

Gold-Eagle Cooperative reviewed the equipment across its sites and selected Petro-Canada Lubricants as a partner to match its needs. Technical experts at Petro-Canada Lubricants were able to provide excellent customer support and recommended implementing PURITY™ FG2 Extreme, which provided greater protection of bearings and equipment when operating under heavy loads. Additionally, SYNDURO™ SHB 150 synthetic multi-application fluids and PRECISION™ XL EP2 premium performance greases were introduced to further increase the performance of the equipment.

“I was well aware of the high quality of Petro-Canada Lubricants products, especially PURITY FG2 Extreme,” said Tony Scott, feed maintenance manager at Gold-Eagle Cooperative. “When our mills weren’t running optimally, I knew those products were right to bring into Gold-Eagle Cooperative. The Petro-Canada Lubricants team was helpful and their technical expertise impressed us throughout. We’re glad to be working with them!”

THE RESULTS

After more than a year of using PURITY™ FG2 Extreme, Gold-Eagle Cooperative has seen major changes in its mills. All its prior issues have been resolved, increasing its overall efficiency and fulfilling its production demands.

Its equipment is seeing significantly less downtime. The frequency of blockages or part breakdowns has reduced, which has saved the company both money and time required to fix issues. Its lines and rolls are no longer being plugged by dry, hard grease. PURITY™ FG 2 Extreme has stretched out grease intervals on most bearings, reducing bearing failures by nearly 50%.

Gold-Eagle Cooperative believes that its mills will be able to operate for years without needing an oil change by implementing a thorough filtering and oil analysis program. Using SYNDURO™ SHB 150, a synthetic fluid designed for lubricating gears, bearings and compression equipment in extreme, demanding weather, has helped Gold-Eagle Cooperative significantly. Due to this lubricant, its equipment now starts and runs smoothly even in sub-zero temperatures.

“Seeing the incredibly positive impact PURITY™ FG2 Extreme has had on our business and production capability, I don’t see us switching to another grease. The lack of downtime has saved our staff from working overtime trying to fix the equipment, which has made them very happy and allowed us to focus on more important aspects of the business.”

Tony Scott, Feed Maintenance Manager, Gold-Eagle Cooperative

AUTHORIZED DISTRIBUTORS

Petro-Canada Lubricants has an extensive network of trusted and authorized distributors that deliver innovative solutions and outstanding value for customers. Driven by a collective ambition to help grow our customers’ businesses, distributors play a key role in matching fundamental lubricant knowledge to business needs.

“Working with Tony from Gold-Eagle Cooperative has been a very smooth process. Tony has great technical knowledge about his equipment and if he is happy, we are happy! Petro-Canada Lubricants is a great client to work with and it is good to see the value their products have on so many diverse businesses. We look forward to working more with both of them.”

Tom Shreckengost
Account Manager at DXP Enterprises

PURITY™ FG FOOD GRADE LUBRICANTS

The PURITY™ FG product family is designed to offer superior performance with exceptional thermal stability and oxidation resistance for an extended lifespan, ensuring excellent wear protection. These products also exhibit high resistance to water washout for greases and outstanding water separability for oils, making them ideal choices for various industrial applications.

The products boast a comprehensive array of food grade lubricant and grease certifications, including NSF H1 approval for incidental food contact, as well as Kosher Pareve, Halal, Kosher for Passover, and allergen-free certifications for Petro-Canada Lubricants products, ensuring their suitability and safety for a wide range of food-related applications.



OUR NO-NONSENSE LUBRICANTS WARRANTY

We will repair equipment or replace equipment parts that are damaged due to defects of a Petro-Canada Lubricants product, as long as the lubricant is used in accordance with your equipment manufacturer's and our recommendations.

IT'S MORE THAN JUST A WARRANTY. IT'S A COMMITMENT.

To learn more about how Petro-Canada Lubricants can help your business visit: petrocanadalubricants.com or contact us at lubecsr@hfsinclair.com

Committed to the disciplined operation of our business.



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