

Simple Savings

Chocolate Processing

Proven Success Case from CinchSeal



A chocolate manufacturer in Northern California faced significant leakage issues with their mixing tank, which was sealed using a mechanical Teflon packing gland. They were losing approximately 55 gallons of chocolate daily, equivalent to 440 pounds. With the chocolate priced at \$0.70 per pound, the cost of these leaks quickly added up, leading to substantial financial losses.

► 1 Leaking Mixing Tank x 440 lb. of product leakage x \$.70 per pound x 260 operating days =

\$80,080 lost
per year due to
inefficient seals

- The consequences didn't stop there—additional costs included increased maintenance, machine damage, and disposal fees for the lost material.
- Upgrading to CinchSeal Rotary Shaft Seals eliminated these costs, demonstrating that a small investment can lead to huge benefits. saving the company over **\$100,000 annually**.

CinchSeal isn't just a shaft seal; it's a preventative strategy that protects your product, equipment, and ultimately, your brand's integrity. Ensure your operations are leak-free and cost-efficient by investing in the right solutions.

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Protein Processing

Proven Success Case from CinchSeal



A global meat processing company was experiencing significant purge loss due to ineffective sealing methods. Not only were they losing product, but the purge used to maintain the protein's optimal condition was leaking in large quantities daily. This issue was particularly common in machines like mixers and grinders.

► Purge Loss before using CinchSeal: **25,000lb / yr** at **\$3.49** per pound = **\$87,250**

\$87,250 **lost**
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Pet Food Processing

Proven Success Case from CinchSeal



A U.S.-based pet food manufacturer was dealing with persistent leakage at the shaft of their mixer, leading to frequent maintenance and downtime. After switching to CinchSeal, the leaks were eliminated, significantly reducing labor costs and improving overall efficiency in their production process.

► Maintenance costs before using CinchSeal: 30 min per shaft x 4 shafts weekly x \$100 per hour=

\$10,400 lost

per year due to inefficient seals

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Dough Processing

Proven Success Case from CinchSeal



A well-known bakery product manufacturer was experiencing leakage and product waste issues with their dough mixer. The seal being used would also damage the stainless steel shaft which created an additional expense.

- ▶ 4 seals replaced per year at \$300 per seal = **\$1,200.00**
12 maintenance hours per year at \$22.00 per hour = **\$264.00**

650lbs of dough leakage per week at \$3.07 per pound
650 pounds x 52 weeks x \$3.07 = **\$103,766.00**

\$105,230 lost
per year due to
inefficient seals

- ▶ The consequences didn't stop there—additional costs included machine damage and disposal fees for the lost material.
- ▶ Upgrading to CinchSeal Rotary Shaft Seals eliminated these costs, demonstrating that a small investment can lead to huge benefits. saving the company over **\$120,000 annually**.

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Corn Milling

Proven Success Case from CinchSeal



A major corn milling company was experiencing frequent failures with multiple shaft mount gearboxes. The issue stemmed from product leakage caused by their subpar mechanical packing seals, which allowed material to escape. This leakage led to significant damage and ultimately caused the gearboxes to fail, resulting in costly downtime and maintenance.

► Leakage caused the company to lose 4 gear boxes per year at **\$9,371** per unit = **\$37,484/yr**

\$37,484 lost

per year due to
inefficient seals

- The consequences didn't stop there—additional costs included machine damage and disposal fees for the lost material.
- Upgrading to CinchSeal Rotary Shaft Seals eliminated these costs, demonstrating that a small investment can lead to huge benefits. saving the company over **\$50,000 annually**.

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Cheese Processing

Proven Success Case from CinchSeal



A U.S.-based food processing company was facing severe leakage problems in their cheese processing mixers and blenders. The constant leakage not only led to substantial product loss but also created ongoing challenges with increased maintenance demands. These issues resulted in frequent equipment downtime and higher operational costs, as the company had to continuously address the leaks and repair the equipment to maintain production efficiency.

- ▶ Maintenance Before CinchSeal - 45 minute x 5 times a week x 3 mixers = **\$18,720**
Product Waste Before CinchSeal - 100 lb/week at \$1.00 per pound x 3 mixers = **\$15,600**

\$34,320 lost

**per year due to
inefficient seals**

- ▶ The consequences didn't stop there—additional costs included machine damage and disposal fees for the lost material.
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Pet Food Processing

Proven Success Case from CinchSeal



A major US-based pet food manufacturer was facing significant operational inefficiencies due to persistent leaking at the shaft of their mixer. This type of leaking is a common issue in industrial processing, especially in food production, where maintaining a clean and efficient process is critical.

- ▶ Maintenance Costs - 104 hours × \$100/hour to manage leakage = **\$10,400 per year**
Product loss - 75 lb of leakage per week × 1.15/pound × 2 machines = **\$8,970 per year**

\$19,370 lost

**per year due to
inefficient seals**

- ▶ The consequences didn't stop there—additional costs included machine damage and disposal fees for the lost material.
- ▶ Upgrading to CinchSeal Rotary Shaft Seals eliminated these costs, demonstrating that a small investment can lead to huge benefits. saving the company over **\$25,000 annually**.

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