



**INDUSTRY**  
Food Processing

**APPLICATION**  
Cozzini Mixers

**PRODUCT**  
Stainless, Split, 9700 Mixer Seal

**2-YEAR PROVEN SAVINGS**  
\$470,840



### The Issue

A national food processing company has 3 single auger Cozzini mixers that mix preserving liquids for canned products. Broth was leaking through the original lip seals which were engineered specifically for the Cozzini mixer. Because of the leakage of broth, the cans were not getting filled to capacity. When the filled cans went through the quality control x-rays, they were being rejected, causing a large percentage of finished product loss.

### The CinchSeal Solution

Motion Industries and CinchSeal presented the sanitary, split 9700 mixer seal that could easily be installed on their existing equipment and was virtually maintenance free. This product replacement not only is ideal at stopping shaft leakage in harsh environments, but it also prevents damage to the rotating shafts on the Cozzini mixers that you see with packing seals. The customer installed 6 seals with no startup issues and are experiencing the following benefits:

- **Reduced Product Loss** – the old seals were not sealing on the shaft and allowing 100lbs/hr. of product to leak out of each mixer. The way the CinchSeal turns with the shaft and being an air purged seal prevents any leaking.
- **Reduced Shaft Repair Costs** – packing and lip seals wear against the shaft creating grooves in the shaft. These grooves lead to further leakage of product and shaft wear over time requiring expensive refinishing costs.
- **Reduced Maintenance** – CinchSeals are a fully split design and last over 1 year in most applications.

### The Savings

This efficient and sanitary product conversion, from packing to CinchSeal on all the plant mixers over a 2 year period, is saving the plant over \$470,000 in reduced product loss, reduced repair costs and reduced maintenance costs.



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