



TAMAR SEAL™
Innovative sealing technology

Reliable

Smart

Simple

SUCCESS STORY

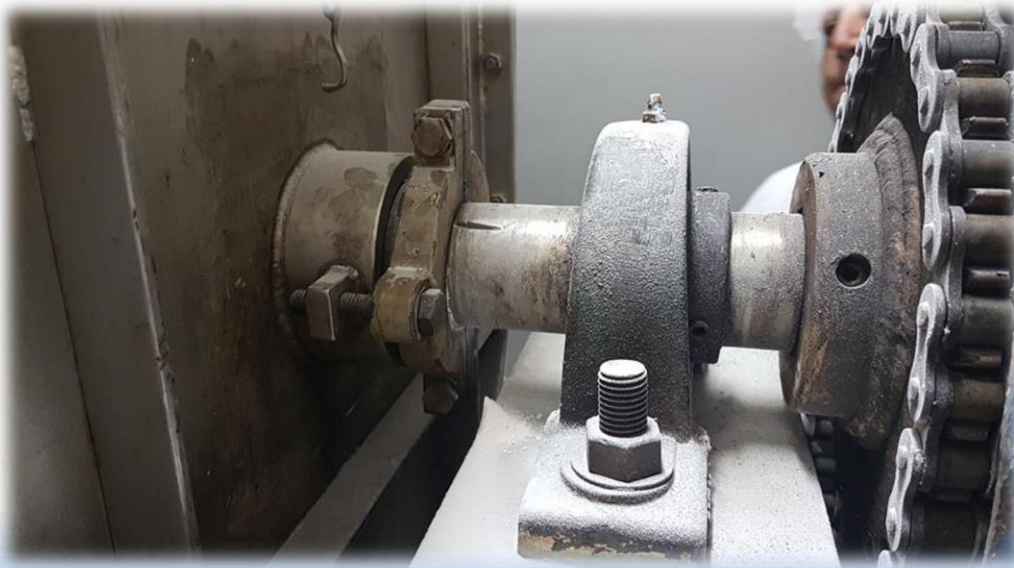
TAMAR 410-SFS seal

Pharmaceutical industry – Side entry ribbon mixer



Applications and Problem

- The ribbon mixer was previously sealed with packing. This resulted was daily maintenance and loss of expensive product.
- A common mechanical seal will not hold the abrasive nature, high run-out, dry running and other common characteristics



The Challenge

Operational Parameters:

- Fine powder – FDA required
- Working Temperature: 50°C (122°F)
- Shaft Dia.: 70mm (2.75")
- Speed: 50 rpm
- Pressure: 0.2 bar (7.25 psi)



The solution

TAMAR 410-SF split seal:

- ✔ Maintains practically zero leakage – 3 years leak free warranty
- ✔ Dry running seal
- ✔ Split type - simple and easy to install
- ✔ Non stop system
- ✔ This is not a mechanical seal - Ceramic and silicon free – almost unbreakable solution!
- ✔ Low maintenance cost
- ✔ Operational flexibility



Result:

After 1 year of operation the TAMAR seals assured:

- ✓ No more leakage and product contamination
- ✓ No more bearing failure
- ✓ No more downtime



**We never limit challenges,
we only challenge our limits!**



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