



Reliable

Smart

Simple

SUCCESS STORY

TAMAR 510-RM seal
Sugar industry, side entry Mixer



The Challenge

- The customer (SUGAT) has several side entry mixers
- the mixers were previously sealed by packing
- the customer had constant leaks due to run-outs
- The sugar “molasses” is very thick, hard to mix and harder to clean
- The large shaft (200mm – 8”) necessitated a split design



The Challenge

Operational Parameters:

- Sugar molasses
- Working Temperature: 50°C (122°F)
- Shaft Dia.: 200mm (8")
- Speed: 5 rpm
- Pressure: 0.2 bar (7.25 psi)



The Solution

TAMAR 510-RM seal:

- ✔ No faces or springs to damage
- ✔ Online constant injection system – a sealing barrier that holds the back the process material
- ✔ Split seal design for fast installation and repair
- ✔ Life expectance of min. 3 years



The Result

The seal works perfectly for over 2 years, additional seals were installed and the floor is clean!

No leakage

No maintenance

NO DOWN TIME





Challenge us!



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