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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