



Reliable

Smart

Simple

# *SUCCESS STORY*

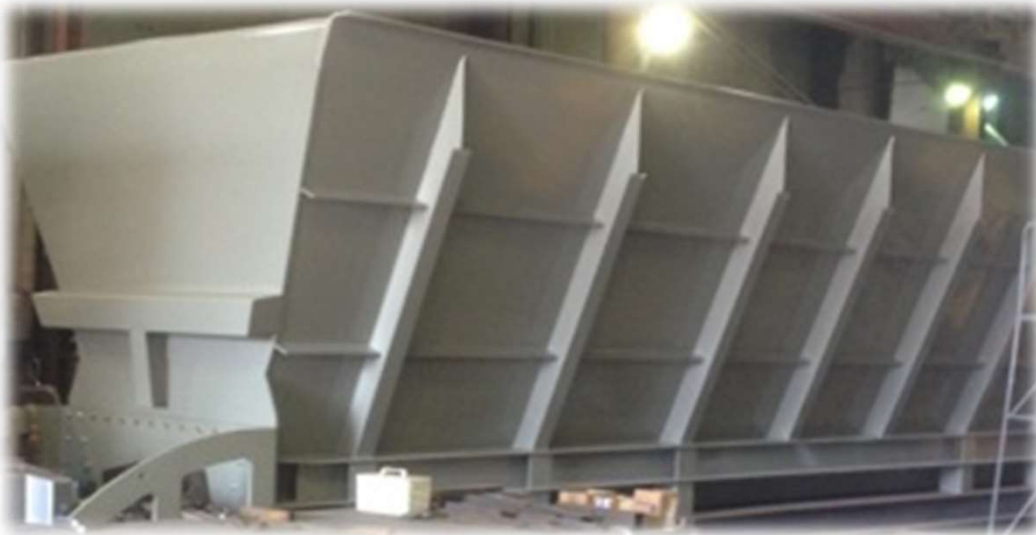
**TAMAR 510-RM seal**

**Oil industry, double shaft screw mixers**



# The Challenge

- The OEM customer (Beitzel Corp.) manufactures 3 double shaft screw mixers
- The media is drilling mud, i.e. earth cuttings



# The Challenge

## Operational Parameters:

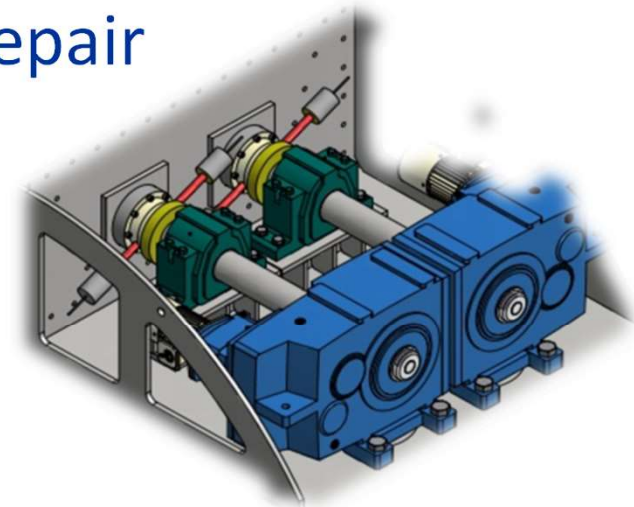
- drilling mud, 10-15% moisture sodium bentonite 60 to 75%, oil and water emulsion 25 to 40%
- Working Temperature: 20°C (68°F)
- Shaft Dia.: 150mm (6")
- Speed: 5-20rpm
- Pressure: 0.5 bar (7.25 psi)



# 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

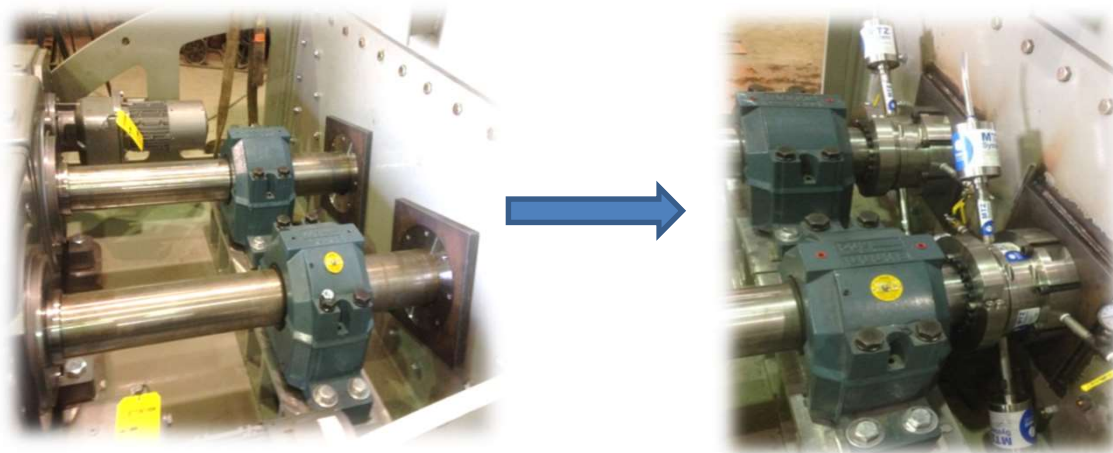




# The Installation

**TAMAR 510-RM seal installation took part at the OEM's site with Tamar's engineers (year 2014)**

**A total of 12 seals were installed**



**The seals passed a water test and were ready to be sent to the end user**



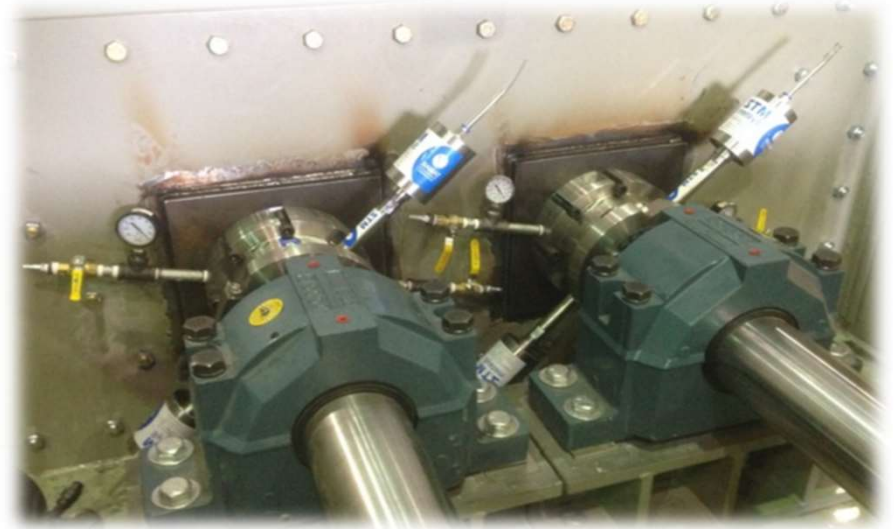
## The Result

The seals work perfectly and the floor is clean!

No leakage

No maintenance

NO DOWN TIME



Thank you Beitzel:

Nir,  
Hope all is well with you.

It was a privilege to work with you all on this project, everything went so seamlessly. I look forward to working with you all again.

**Beitzel Corporation**

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**“Every once in a while, a new technology, an old problem, and a big idea turn into an innovation”**

**Dean Kamen**

**Join the success!**



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