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.

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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

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