SUCCESS STORY

TAMAR 450-SP seal
Cement industry, Dry screw pump by FLSmidth
The Challenge

➢ The customer (Nesher) has several “Fuller-Kinyon” dry screw pumps by FLSmidth for fine powders.

➢ The unit is connected at the bottom of a hopper and feeds a pneumatic conveying line.

➢ The pump was previously sealed by a double mechanical seal.
The Challenge

Operational Parameters:

➢ Cement application
➢ Working Temperature: 25°C (77°F)
➢ Shaft Dia.: 80mm (3.15”)
➢ Speed: 1000rpm
➢ Pressure: 0.2 bar (7.25 psi)
The Solution

TAMAR 450-SP seal:

- **No faces** or **springs** to damage
- Air flush – separate the seal from the material
- **Online constant injection system** – a sealing barrier that holds the back the process material
- **SPLIT** Cartridge seal - easy to install
The Result

The SPLIT seal works perfectly for over 18 months!

No powder leakage
No damage to the bearings
NO DOWN TIME
Challenge Us!

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