SUCCESS STORY

TAMAR 430-RV seal
Chemical industry, Rotary valves
The Challenge

➢ The customer (ICL) has several rotary valves for fine powders.

➢ The units are connected at the bottom of a hopper and feed a pneumatic conveying line.

➢ the rotary valves were previously sealed by packing or a flange bearing.

➢ the customer had constant leaks and bearing failures
The Challenge

Operational Parameters:

➢ flame retardant

➢ Working Temperature: 25°C (77°F)

➢ Shaft Dia.: 30mm (1.18”)

➢ Speed: 30rpm

➢ Pressure: 0.2 bar (7.25 psi)
The Solution

TAMAR 430-RV seal:

- **No faces** or **springs** to damage
- **Online constant injection system** – a sealing barrier that holds the back the process material
- **Bearing integrated** seal for tight space applications and best alignment
The Result

The seal works perfectly, and the floor is clean!

No powder leakage
No damage to the bearings
NO DOWN TIME
Join the success!

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