



Reliable

Smart

Simple

SUCCESS STORY

TAMAR 710-SP seal

Ethanol industry, Goulds 3175L pump



The Challenge

- Customer has two pumps in a “Reboiler” application (Ethanol)
- Large pumps with high solids, high temp, and major hydraulic/cavitation issues during start-up/shutdown and CIP.
- Customer uses 3-4 mechanical cartridge seals annually – cartridge quench (grease)



The Challenge

Operational Parameters:

- “Reboiler” application (Ethanol), 35% solids
- Working Temperature: 130°C (265°F)
- Shaft Dia.: 125mm (4-15/16”)
- Speed: 1100rpm
- 24/7 Operation
- CIP (Clean-in-place / Caustic)



The solution

TAMAR 710-SP seal:

- ❖ No faces or springs to damage
- ❖ Air flush – separate the seal from the flowing material – **this is a dry run seal.**
- ❖ Online constant injection system – a sealing barrier that holds the back the process
- ❖ Cartridge seal - easy to install



The Result

**A successful pump operation with
a steady and reliable seal working
for over TWO YEARS!**



The Result

A few weeks later, Tamar installed on sister pump and additional ethanol application pumps





Challenge Us!



www.tamar-tech.com