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!

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