TAMAR SEAL
Innovative sealing technology

Reliable | Smart | Simple

SUCCESS STORY

TAMAR 740-PC seal

paint application, “Allweiler” progressive cavity pump

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The Challenge

- An old “Allweiler” PC pump
- An abrasive and problematic flowing material
- Low suction pressure
- **After many unsuccessful mechanical seal trials, the costumer uses packing**

Operational Parameters:

- Flowing material: **wall paint**
- Working Temperature: 30°C (86°F)
- Shaft Dia.: 55mm (2.16”)
- Speed: 600rpm
- Suction Pressure: 1 bar (14 psi)

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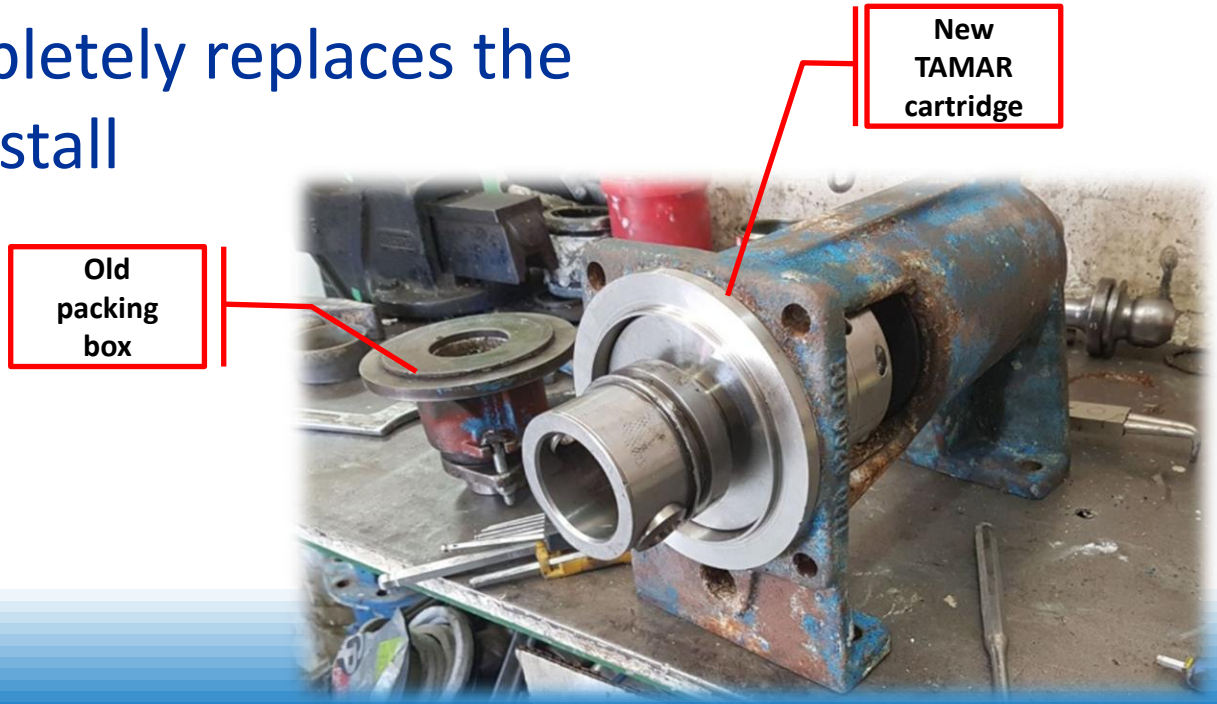
The solution

TAMAR 740-PC seal:

- Online constant injection system – a sealing barrier that holds the back the paint
- Shaft sleeve to protect the expensive pump shaft
- Cartridge seal that completely replaces the packing box - easy to install



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The Result

A successful pump operation with a steady and reliable seal

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The Result

The Tamar seal has managed to extend the pump life, reduce downtime and save the cost of finishes wall paint that used to leak through the packing:

1. The **bearings no longer fail** due to paint that builds up and penetrates around them.

2. **No downtime** is required for packing replacement or shaft dismantling and replacement due to wear (**commonly, pump is out for repair every 3-4 months**)

3. **No more material loss** due to leakage, and the manufacturing **floor is finally CLEAN**

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Challenge Us!

www.tamar-tech.com