

Challenge

Issue

- A client experienced continuous oil leaks after startup on a conveyor gearbox.
- Contamination was entering the bearing housing, resulting in frequent seal changes and considerable downtime costs.
- The seals lasted only four weeks.



The plant's conveyor equipment leaked excessively.

Solution

Application

A Chesterton representative installed two **Chesterton Matrix Rotary Seals**:

- One faced the bearing to seal lubrication.
- The other faced the retainer ring to prevent outside contamination from entering the bearing housing.
- Both seals were installed rapidly without the need for disassembly of equipment, thereby minimizing downtime.



Chesterton Matrix Rotary Seal combines two materials for exceptional performance.

Results

Client Reported

- MTBR increased to 18 months, 12X the previous method with zero leakage!
- **Matrix Seals** offer an excellent solution for long-term bearing protection.
- With the split seal design, the **Matrix Seal** can be installed in minutes, delivering significant savings on critical downtime!



The **Matrix Seal** installation is very simple and fast.