

Chesterton Engineered Solution Working for 12 Years Without Failure



Pulp & Paper | Paper Stock | Mechanical Seal

Application Info & Challenge

- **Equipment:** DIP Pulper 35 m³ (46 yd³) capacity
- **Shaft size:** 420 mm (16.535")
- **Rotation:** 150 RPM
- **Product:** Paper stock, 14% solids
- **Pressure:** 1 bar g (14.5 psi)

Customer has issues with frequent repacks (every 3 months). Leakage into gearbox and bearings causing oil contamination and poor reliability.

Solution & Result

- Chesterton 221 220mm RSC/CB FKM jumbo seal
- Chesterton 14K 220 mm Restrictor Bushing
- **Split, 2 piece Packing Version SpiralTrac** made of carbon-graphite PTFE (ESC) material, part# *PM37000RS42000(ESC)26433*

SpiralTrac was installed over an MC Nylon Bushing. This solution was installed in November 2006.

We recently caught up with the Chesterton Specialist involved in the project. He informed us that the plant where this solution was installed has closed on December 2018. Until the plant's closure, for **over 12 years**, this application was running successfully without any failure!



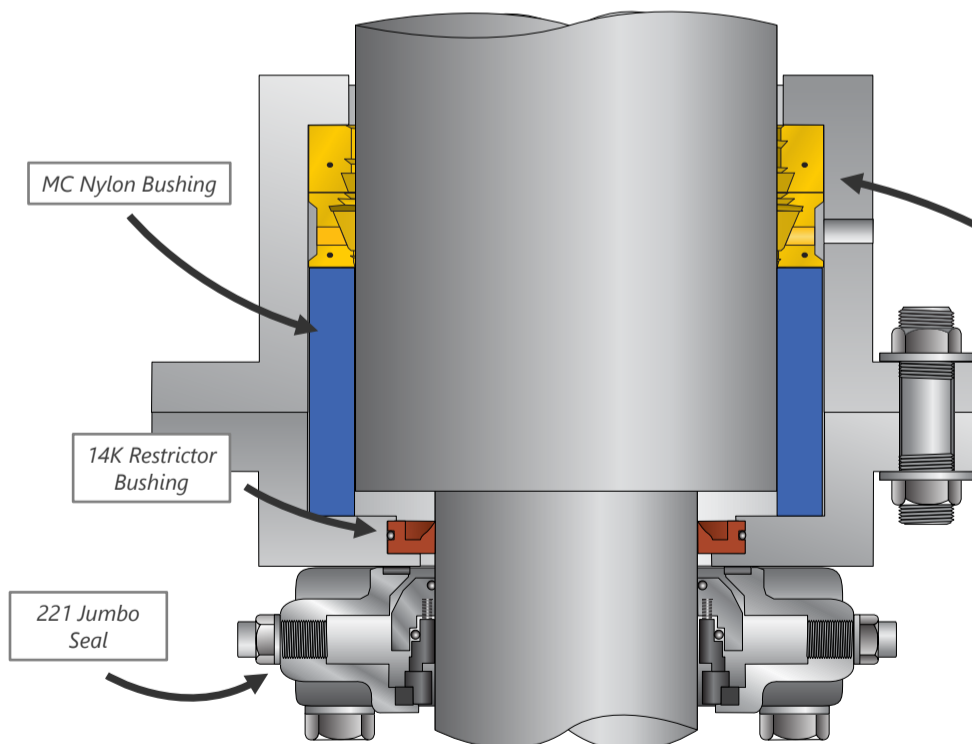
Large DIP Pulper, top view



Before, damaged gearbox with leaked product



Installed Chesterton Engineered Solution



2 piece Packing Version SpiralTrac

For more information please send an email to us at support@enviroseal.ca. We hope to hear from you!

