

Application Highlight



Copper Mining | Concentrator | Packing

Application Info

- **Copper mining**
- **Process area:** Concentrator
- **Equipment:** Warman 760 Pump as a low-mill-feeding cyclone

Solution & Result

Chesterton SuperSet™

- Chesterton 1730 Mill Pack Packing
- **Packing Version SpiralTrac™** made of 17-4PH Stainless Steel

The application of low-mill pumps or cyclone feed pumps in the large-scale mining industry is one of the most abrasive, complex and critical applications of a plant, since it is the first entry of the ore into the process after the crushing.

These pumps must last about 4000 hours without stopping. For this reason the pump manufacturer reached out to Chesterton to solve the customer problem, as the sleeves only lasted about 2400 hours on average.

The SuperSet (SpiralTrac + 1730) worked without any issues, and customer continues to install SpiralTracs into their new and existing stuffing boxes.

EnviroSeal always recommends flow controls when installing a Packing Version SpiralTrac.



Chesterton SuperSet Installation



Mechanics in front of large disassembled Warman pump



Packing Version SpiralTrac



Chesterton 1730 Mill Pack Packing

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



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