

# Application Highlight



Copper Mining | Concentrator | Packing

## Application Info

- **Copper mining**
- **Process area:** Concentrator
- **Product:** Copper Concentrate Fluid (70% solids)
- **Equipment:** Krebs® millMax™ Slurry Pumps

## Solution & Result

### Chesterton SuperSet™

- Chesterton 1730 Mill Pack Packing
- **Packing Version SpiralTrac™** made of Carbon Graphite (ESC) material



Chesterton 1730  
Mill Pack Packing



Packing Version SpiralTrac designed to fit  
Krebs millMax Slurry Pump

One of the characteristics of the copper concentrate fluid is that it works at a very high percentage of solid (close to 70%), but with a very fine particle size. For this reason, the Chesterton SuperSet has been ideal to be able to increase the MTBF of the equipment in tailings, grinding and re-grinding in various sizes of Krebs equipment of 7", 9" and 11".

**Currently this customer requests that all of its Krebs pumps be outfitted with SpiralTrac and Chesterton 1730 packing rings.**



Krebs pump disassembled

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



Installing Packing Version SpiralTrac



Installing Chesterton 1730 Mill Pack Packing

For more information please send an email to us at [support@enviroseal.ca](mailto:support@enviroseal.ca). We hope to hear from you!



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