

GLAND SEAL FLUSHING

Info BITS



Hydra-Cell® Displaces Competitive Pumps in the Mining Industry

Slurry pumps running continuously are essential to the operation of mines, but the slurry being pumped must not enter the gland seal area or it could lead to premature failure of the slurry pump. To accomplish this, another pump that runs at a higher pressure than the slurry pump is used to flush the gland seal area.

An engineering company serving the mining industry introduced Hydra-Cell to its gland seal flushing systems because they offer many advantages over other pumps typically used. With its seal-less design Hydra-Cell can pump fluids with no lubricity, and its multiple diaphragms result in virtually pulse-free flow.

Compared to centrifugal pumps, Hydra-Cell has proved more energy-efficient and reliable, and does not require a complicated PID loop for process control. Compared to progressive cavity pumps, Hydra-Cell has lower capital costs and less maintenance and repair, as well as a smaller footprint.

The engineering firm reports that many of its customers were unfamiliar with Hydra-Cell pumps prior to receiving them with the systems, but their acceptance and appreciation of Hydra-Cell has grown as they demonstrate improved performance and reliability.



Pump Model: D35/G35

Flow: up to 36.5 gpm (138 l/min)

Pressure: up to 1500 psi (103 bar)

Application: Gland seal flushing in mining operations

**Pumps
Non-
lubricating
Fluids!**

Hydra-Cell®
Seal-less Pumps

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