



Providing pump solutions
to industry, globally



Toro ANSI resolves lithium production-related applications



Minera Exar is a prominent company specialising in lithium development and production located in Jujuy, Argentina.

During the construction of their plant in 2020, the company faced specific pumping challenges relating to the corrosive nature of the lithium production fluids and the accumulation of crystallisation in the impeller and mechanical seal.

Minera Exar required robust centrifugal pumps capable of effectively handling these common issues encountered during the pumping process.

Extended lifetime

All Pumps Argentina, an Intrax partner, recommended Minera Exar 163 Toro ANSI centrifugal pumps, which offered an ideal solution to the sites pumping challenges.

The introduction of semi-open impellers significantly decreased crystallisation accumulation, allowing for easy internal cleaning and ensured uninterrupted operation.

Additionally, Toro ANSI pumps have a specially designed impeller locking screw to prevent the part from unscrewing from the shaft, in case of involuntary reverse of the rotation direction.

Furthermore, the different materials alternatives allowed to face each application with the more suitable solution.

