intrax Providing pump solutions to industry, globally

TORO robust pumping power

Replacement of submersible pump with a self-priming Toro E pump in a metallic materials and waste recovering plant

A major company in the metallic materials and waste recovery field was searching for a submersible pump for effluents drainage from a natural pool, handling temperatures above 70°C.

Introducing a submersible pump into such high temperatures plus the permanent contact with corrosive fluids, usually causes breaks and premature wear, which results in reduced production time and loss of revenue due to repairs.

In this situation, All Pumps Argentina, an Intrax company, recommended the use of a self-priming pump Toro E3, which offered a number of advantages.

Firstly, unlike a submersible pump, the E3 pump is not submerged in the pumped fluid, reducing its exposure.

It´s equipped with a standard motor without contact with the fluid, preventing burn out and ensuring greater safety during operation. As it is a standard motor, if replacement is necessary, it is readily available.

The self-priming feature of the pump allows it to draw in the fluid and eliminate the need for external priming.

Finally, the pump is designed with a mechanical seal in an oil bath avoiding the necessity of flushing.

Toro E provided an efficient and reliable pumping solution for the specific requirements of the application.