

## Dorfner Potash Works, Hirschau, Germany

### The project:

Reduction of ground water in the potash works

### Executing company:

Company Erwin Hofmann, Schnaittenbach

### The problem:

Ground water reduction – deployment of a submersible sewage pump on a pontoon to pump off polluted water.

### Our solution:

Deployment of a LH430 high pressure pump with 30 kW motor rating. Controller with frequency inverter, continuous pump start-up, various operating points possible. Unlike a centrifugal pump installed dry, the LH430 does not need to be protected from frost. No additional housing or heater needed.



### Specifications LH: <https://www.tsurumi.eu/en-LV/lh>

In the event of abrasive and corrosive utilization, stronger wear and tear will take place naturally in certain components. With regards to the above application wear and tear can take place mainly in impeller, agitator, suction plate, shaft sleeve, oil ring, mechanical seal, pump casing, strainer, motor casing and discharge coupling. Depending on the working conditions the lifetime of those parts might vary significantly and can be shorter than the legal warranty period.

In this regard, please pay attention to our [general terms and conditions](#) that we also send to you by mail on request.

