

## Open-cast gravel mining

### The project:

Emptying of sludge lagoon

### Executing company:

FA. Moos Kieswerk + Recycling GmbH  
Schwerstedter Str. 59  
99955 Lutzensömmern

### The problem:

The subzero-grain sludge originating from the gravel washing plant which has collected in the used water pond had to be pumped off.

### Our solution:

By the application of a high-performance Tsurumi submersible waste water pump of Type KRS822 with an additionally attached flushing device, which was supplied with fresh water by means of a separate high-pressure pump, the settled sludge was agitated and was pumped off in a highly concentrated condition. The advantage of this type of pump is the low rotational speed of 1450 rpm affording a considerably longer service life.



### Specifikationer KRS: <https://www.tsurumi.eu/da-DK/krs>

I tilfælde af slibende og ætsende anvendelse vil stærkere slitage forekomme naturligt i visse komponenter. Med hensyn til ovenstående anvendelse kan slitage hovedsageligt finde sted i pumpehjul, omrørerenhed, sugelplade, akselhylster, oliering, mekanisk tætning, pumpehus, si, motorhus og udløbskobling. Afhængigt af arbejdsvilkårene kan levetiden for disse dele variere betydeligt og kan være kortere end den lovlige garantiperiode. I den forbindelse skal du være opmærksom på vores [generelle vilkår og betingelser](#), som vi også sender til dig via mail på anmodning.

