

Customer Testimonial

Schluchseewerk AG in 79725 Laufenburg, Germany



Equipment

- Viper MID MKII
- Seals, Scrapers, Rope Cleaner for 14 and 28mm, 6 strand ropes
- LX 2300 for Cleaning and 452 for Lubrication

Customer Profile

Schluchseewerk AG is the operator of five pumped storage facilities in the southern Black Forest in Baden-Württemberg. The head office is in Laufenburg, Germany. Schluchseewerk AG is owned by RWE, EnBW, Energiedienst AG and Energiedienst Holding AG. Schluchseewerk AG - driven by the power of water

The most important task for the company is to build and operate pumped storage power plants in the southern Black Forest. In five power plants with a total of 20 machine sets, Schluchseewerk AG provides a maximum output of 1,836 MW in turbine operation and 1,604 MW in pump operation. They see themselves as an essential component of the energy transition in Germany.



Application

Schluchseewerk AG is renovating the Eggberg Basin for around 9 million euros. For this purpose, the basin was emptied first, which has a capacity of 2.1 million cubic meters of water. The cavern power station was the first German cavern-style pumped storage power plant and went into operation in 1967. Among other things, the pressure shaft was provided with new corrosion protection and the ropes leading into the 430 m deep shaft were cleaned and re-lubricated. So far, they have been lubricated by hand.

Challenge

They had old deposits on the rope that were difficult to remove.

Viper Solution

We recommended applying LX 2300 a few hours before lubrication to soften the hardened grease deposits then use the Viper rope cleaner while lubricating with the Viper Mid MKII and LE 452 Wire rope lubricant.

Results

The Viper Mid MKII effectively removed the grease deposits and perfectly lubricated the rope. One of the employees said: Insanely good how easy it is to make a piece of jewelry out of a dirty rope.



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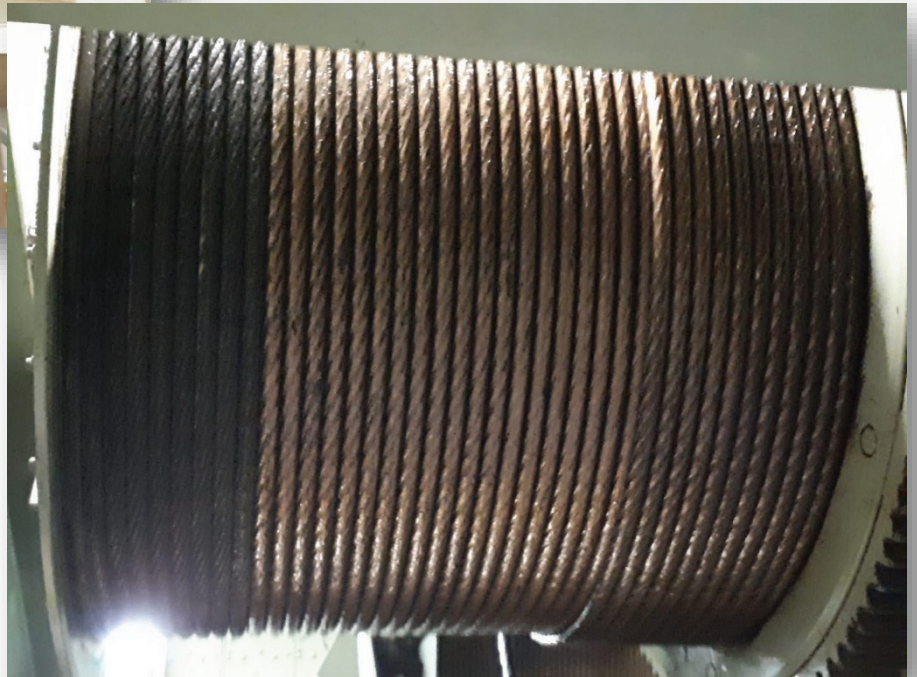


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Viper Mid MKII
mount installed on
wire rope

Rope after it has
been lubricated with
the Viper Mid MKII



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