

Challenge

Background

Grease passing through wastewater lift pumps floats to the top of the water and hardens. As a result, the floating pump switches lock, and the pumps burn out. Typically sumps are cleaned with shovels and buckets.



Hardened grease was causing pump burnout.

Solution

Product

Concentrated **Chesterton 360 Phosphate-Free Cleaner** was poured on top of the grease to saponify the fats. High-pressure water was applied to break up the congealed the grease. This allows the saponified and emulsified solids to be pumped to the treatment plant.



Chesterton 360 Phosphate-Free Cleaner saponifies the grease.

Results

Savings

360 Phosphate-Free Cleaner effectively cleaned the lift station, making maintenance easy to perform. The cleaner also drastically reduced the frequency of pump failures and has been used successfully as the cleaning agent for several years.



Pump failures caused by grease have not occurred since using 360 Phosphate-Free Cleaner.