

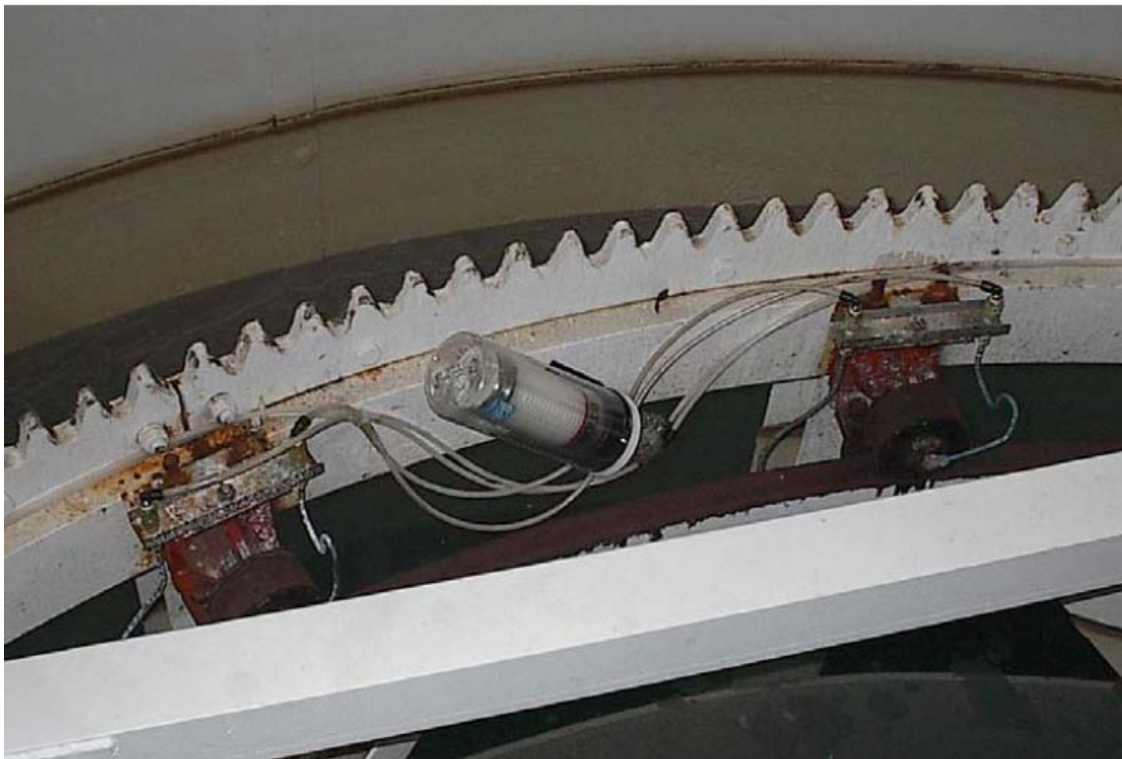
CASE STUDY 808

Application : Lubrication of rollers, drive assembly (gear & bearings)

Industry : Municipal water treatment facility

Problem : Facility was using gas-generated, electrochemical lubricators on each lube point. These lubricators produced inconsistent lubrication due to insufficient output pressure and temperature variations.

Solution 1 : Four Giga 8-point MEMOLUB® lubrication systems replaced 32 electrochemical lubricators. These systems were installed to lubricate the rollers on the water softener equipment. While the equipment turns, the MEMOLUB® automatically delivers a consistent, time-controlled, metered quantity of lubricant to all rollers.



Lubrication while the machine is in operation ensures that the lubricant is evenly and optimally distributed. This results in decreased lubricant consumption and increased machine life. In addition, the installation of a MEMOLUB multi-point system drastically reduces the likelihood of contamination from excess grease.

Solution 2: One Mega 3-point MEMOLUB® lubrication system was installed to lubricate the drive gear assembly. Two outlets lubricate the drive gear bearings and one outlet drops grease directly onto the open gear.



Solution 3: One 2 point MEMOLUB® Splitter system was installed to apply grease directly to the top and side of inner rail using brushes.



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