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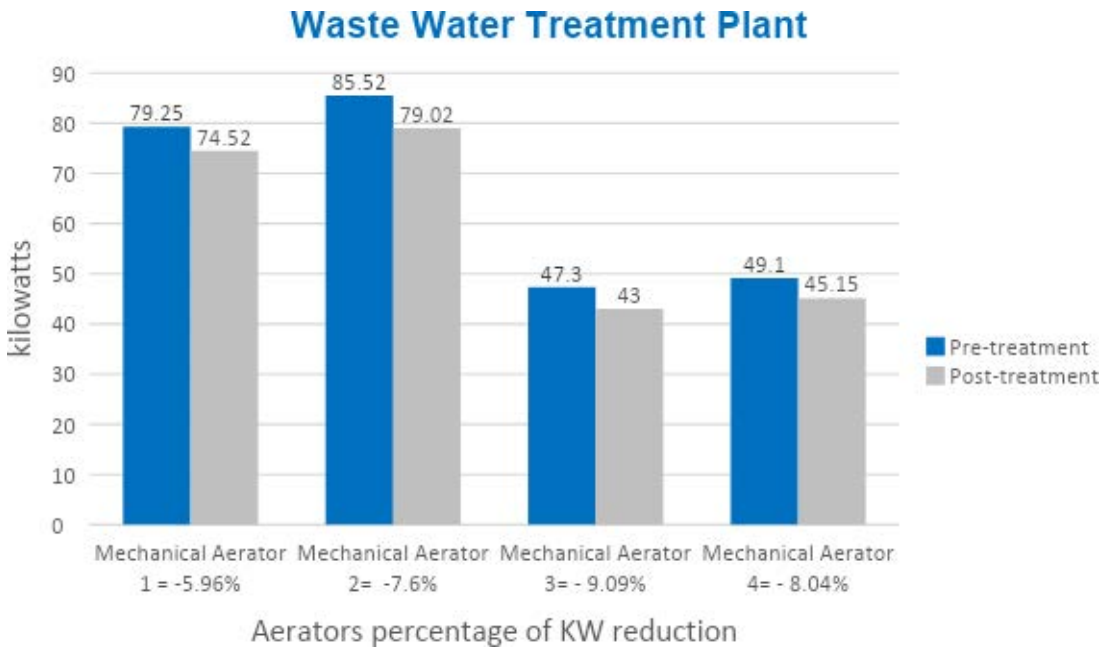
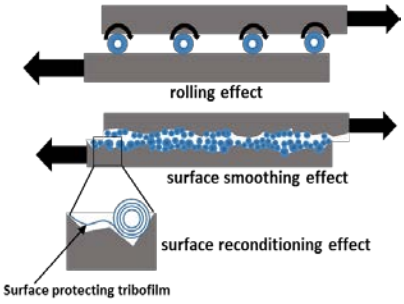
Case Study: kW reduction to aerators at wastewater treatment plant using **EXLCanada Lubricants GFDTopOff** ER/AW/AF/EP

EXLCanada Lubricants GFD (**G**ear and **F**inal **D**rives) **Top Off,** enhanced by billions of spherical tungsten disulphide nanoparticles**.** These **e**nergy **r**educing, **a**nti-**w**ear, **a**nti-**f**riction and **e**xtreme **p**ressure particles serve as submicron-sized shock absorbers, preventing exposure to hydraulic/shear pressures, and also function as tiny ball-bearings that roll on impact, exfoliate and attached to surfaces (lowest coefficient of friction for metal coatings of .003), improving anti-friction and anti-wear properties of host oil. **EXLCanada Lubricants GFD TopOff** has shown consistent energy reduction rates between 6 and 8%, extends gear life and service intervals, improves power and torque performance. Compatible with mineral and synthetic oils. *Please note, this same spherical tungsten disulfide nanoparticle is used in **EXLCanada Lubricants GAS (gasoline engines) and DNG (diesel and natural gas engines)TopOff's** and the benefits shown are possible with these TopOffs when used as recommended in equipment/components for their intended use*.

Graph of values per Aerator tested.





These multilayer spherical tungsten disulfide particles are completely different to all PTFE, Molybdenum disulphide and graphite oil additives, these are all platelet structured technologies, therefore have little elasticity or shock absorbing properties.