



Using Cobiolube Sawmill® in a gear pump

1. Supply tubes should be cleaned before use. Dirt in the tubes may clog up the valves and nozzles.
2. The density of the lubricant is 1,15kg/l and viscosity in 40° celsius is ~110 cSt. Due to this fact, the pump must be positioned as low as possible, or even below the lubricant tank.
3. The intake tubes should be as wide as, or even wider in diameter than the pump intake pipe.
4. The filters on the outlet side (before the pressure switches) must be compatible with Cobiolube Sawmill®. A wrong kind of filter may create too high backpressure that causes unnecessary wear.
5. We recommend a freely moving ball valve to reduce intake pressure on the intake side. You must take into account the amount of pressure created when using a spring-operated backpressure valve with this lubricant. If the backpressure valve has been removed from your system, chances are the pump may end up operating without lubricant, which leads to the pump breaking down.
6. Remove any factors that slow down the movement of the lubricant on the intake side (for example sieves that are too fine)
7. Fill the intake tube and the intake port with lubricant.
8. When you run the pump for the first time, keep the pressure switches open and let the pump run several short runs without load until it runs normally.
9. Adjust the pressure switches back to the desired setting.

Progressive lubrication system is better for high viscosity lubricants.