

There are several simple steps that will help maintain your sump during a possible shutdown. The steps are easy and should be started several days prior to shutdown:

- **It is critical that the systems be in as good shape as possible** when they are shut down. Concentration, pH, reserve alkalinity, etc. should be in the specified range.
- **Remove the tramp oil from the sump.** Tramp oil is both food and shelter for bacteria, which is the main cause of the rancid smell that can come from the coolant.
- **Clean out chips and sludge from the sump.** Chips and sludge are also food and shelter for bacteria. A Sump Sucker will make this job quick and easy.
- **Bump up the concentration.** This adds a little more pH buffering to the sump, which helps to prevent bacteria. Our recommendation is to bump up the concentration to the maximum recommended operating range for the product being used. If adds are needed for alkalinity, pH, etc., add them a day or so before the system is shut down.
- **Make arrangements for whatever sampling you want to have done** to be completed and the results communicated before the shutdown occurs.
- **If possible, recirculate the coolant in the sump during the shutdown.** In many cases maintenance staff may be present. Have them turn on the coolant pumps to recirculate the volume of the sump several times over.
- **If you are going to run a centrifuge over the shutdown,** make sure you have sufficient tramp oil and waste capacity.
- **Make sure you have plenty of supply** of Coolant, Master STAGES™ Whamex XT™, Master STAGES™ Task2™ GF, etc. to keep the systems running smoothly and to prevent any issues for when life gets back to normal.

If you have any questions or concerns, please feel free to contact us:

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