

Battery Operated Lubrication with External Control



The MEMOLUB[®] EPC offers the advantage of providing automatic lubrication to machines that are infrequently or intermittently used, avoiding the problems of over lubrication.

The lubrication process can be turned on and off in concert with the machine being lubricated or manually using a simple switch.

The MEMOLUB[®] EPC is battery powered and requires no external power source. It operates under its own MEMO program that you preset. This controls the frequency of lubrication cycles and volume of lubricant injected.

The MEMOLUB[®] EPC can be mounted directly on the bearing or remote from the bearing using pipe or flexible tubing. It may be used as a Multi-Point System lubricating from 2 to 12 lube points and is available in any of the three MEMOLUB[®] sizes.

The 12 inch cable that extends from the bottom of the lubricator serves to interrupt the electric circuit to the drive motor. When the circuit is closed the MEMOLUB[®] first goes through an output cycle and then proceeds to operate under its own preset program control. When the circuit is opened the lubrication process stops.

Extension wire kits are also available in 15 and 30 foot lengths. Each kit comes with quick connectors to easily remove the MEMOLUB[®] lubricator during cartridge change-out.

Control over the lubrication process can be achieved in several ways.

- * A simple switch can be used to manually turn the lubricator on during machine operation and off when use is complete.
- * A relay, that is associated with the main power switch of the machine being lubricated, can be used. Relay contact must be gold plated. The type of relay is determined by the application. The distances between the MEMOLUB[®] EPC and the relay determines the gauge of the wire and the associated connectors to be used.
- * PLC control is also an option in closing and opening the circuit. For an output cycle to occur the PLC must close the circuit for a minimum of 15 seconds and there must be a minimum 60-second interval between output cycles. The timing of ejection cycles is controlled by the PLC. The white timing ring must be in place. The volume of lubricant ejected per cycle continues to be controlled by the MEMO.

For additional information please contact PLI, LLC.