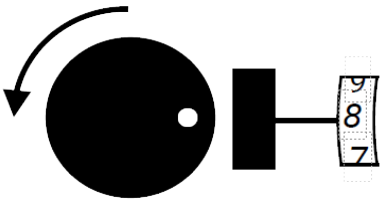

PULSE control

Revolution controlled lubrication

ATS Electro-Lube's Pulse Counter Control option compensates for the change in speed by tying the lubrication setting to the number of cycles of the machine -as opposed to the Motion Activated Control option which ties the lubrication to the total operating time of the machine. Our Pulse counter control option is excellent for machines where run speed of the machine is variable.

HOW IT WORKS:

A magnet is attached to a part of the machine that rotates or moves in cycles. As this magnet passes by a sensor, it signals the luber that the machine is in operation, and the luber starts counting the number of cycles the machine completes. This cycle count is customizable and serves as a basis for applying the selected lubrication setting.

When the machine stops and the sensor no longer detects the magnet cycling by it, the cycle counting process is halted, and the lubrication setting enters a pause mode. Once the machine restarts and the sensor detects the magnet cycling again, the luber resumes counting cycles from where it left off, ensuring that the lubrication process continues seamlessly based on the machine's actual operational cycles.

BENEFITS/DRAWBACKS:

Benefits:

- If your machine is run at different speeds (up to 60RPM) regularly, the Pulse Counter Control option will provide the most accurate lubrication for the conditions that your application is experiencing.
- No possibility for operator error — because the lubrication is automatically started as soon as the machine starts cycling, there is no need for any operator input.

Drawbacks:

- The machine that the unit is attached to, must have a part that undergoes rotational or cyclic motion.

SPECIFICATIONS:

- Magnet's path must be within 1" of the mounted sensor. The closer the better.
- Cyclic motion must be less than 60 RPM.

COMPATIBILITY:

Can be used with the JACK, ULTIMATE, TITAN and OILER Luber Series.

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