VIBRATION control

Vibration sensor controlled starting and stopping

ATS Electro-Lube's Vibration Control option is ideal for applications where your lubricator can be directly mounted to the bearing. Our Vibration Control option uses a sensor to know when the unit is vibrating, it then correlates that with machine operation and starts timing for your specified lubrication schedule.

HOW IT WORKS:

When you mount your Vibration Controlled lubricator directly to your bearing or on a surface that is affected by the machine's vibrations, a built-in sensor within the lubricator detects this movement and initiates the timer for your lubrication schedule.

As long as the lubricator continues to sense vibrations, it will keep counting the run time and follow the lubrication schedule accordingly. However, when the lubricator no longer detects any vibration, it will stop counting the run time and temporarily pause the lubrication schedule. Once the machine restarts and vibrations are again detected, the Vibration Control continues to count the run time and the lubrication is resumed.

BENEFITS/DRAWBACKS:

Benefits:

- This solution offers a simple way to lubricate only when the machine is in operation that does not require any special action by the machine operator.

Drawbacks:

- This solution requires vibration to activate so it may not be applicable for some applications where there is very minor movement of the machine or in remote mounting applications.
- Too much vibration from surrounding equipment could keep the control from working.

EXAMPLE OF OPERATION:

- Scan this QR code to see a visual demonstration of our Vibration Control.

COMPATIBILITY:

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

© 2024 ATS Electro-Lube Inc.