



Innovation in Opto-Matic Installation

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Trico's Opto-Matic Constant Level Oiler has been an industry standard for more than 75 years maintaining the correct oil levels in bearing housings all over the world. This product was originally created to increase machine reliability; too much oil creates heat and promotes oil degradation, while not enough lubricant will cause an early machine failure. Not much has changed, until now, with the introduction of Trico's Opto Laser Level.

This innovative product was initially created to install and set Opto-Matic Oilers accurately and in a timely manner, but has an alternative use as an inspection device. Many times, Opto-Matic Oilers are improperly installed, and in some cases improperly used; however the new Opto Laser Level tool can help overcome these issues.

Benefits

The Opto Laser Level is a new tool that can be added to any reliability tool box and can make an immediate impact on your lubrication program such as:

- No confusion as to where the oil level measurements are made.
- Eliminate costly set up time and materials if the Opto-Matic is installed incorrectly.
- Adjustments are made precisely with a visual verification of oil setting.
- Can be used quickly to verify existing oil level set ups.
- Sets the level adjuster automatically.
- Makes installation easier in hard to reach places such as low to the ground, above the head situations or even in spaces with limited room caused by obstructions of other equipment.
- It's compact, easy-to-use and reusable so that you can make adjustments on multiple Opto-Matic's previously installed or when you purchase new ones.

Opto-Matic Installation

To set-up an Opto-Matic Oiler, it is important to make sure that the unit is plumb (mounted upright and true). A small angle incurred during installation will alter the level of oil within the pump or bearing housing itself. The component that sets the overall oil level within the bearing housing is called the level adjuster (spider). The level adjuster (spider) is an often misunderstood part inside the Opto-Matic that has two small, threaded bars that lock together creating a ledge that positions the reservoir in the correct position. The Opto Laser Level has a traditional spirit level bubble indicator to insure the oiler's bottom casting is plumb, and a laser level which projects on to the pump or bearing housing to aid in setting the level adjuster (spider) to the correct height. The correct height is often cast into the pump or bearing housing itself, or can be determined through the O&M manual.

[Watch the installation video now.](#)

Due to its' compact size and ease of use, this tool is a must for every maintenance department that is responsible for the set-up and maintenance of any equipment that uses Opto-Matic Oilers. Not only will this tool speed-up the installation and replacement of Opto-Matic Oilers, but will be another tool in the Reliability Toolbox.

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