



Extend Bearing Life with Automatic Lubrication
SHIELD LUBRICATORS

Bearing failures present a significant challenge throughout industrial facilities. When bearings fail, it leads to unscheduled downtime, high maintenance costs and safety concerns.

Multiple factors can contribute to bearing failure, but a majority are related to unsuitable, aged or insufficient lubricant. Applying proper lubrication to your equipment is critical to long bearing life and will increase equipment uptime, delivering a reliability advantage to your facility.

THE RIGHT AMOUNT OF LUBRICANT AT THE RIGHT TIME

Shield lubricators, from Cook Compression®, are automatic lubrication systems that extend bearing life by delivering a consistent, precise supply of clean lubricant to your equipment, increasing equipment reliability, decreasing maintenance costs and reducing safety risks.

INCREASE EQUIPMENT RELIABILITY

- Shield lubricators supply small amounts of fresh lubricant to your equipment at short intervals, extending bearing life by maintaining proper lubrication.
- Shield lubricators purge bearing seals with clean grease, preventing bearing contamination, from water, solid contaminants and dust.

DECREASE MAINTENANCE COSTS

- Shield lubricators significantly reduce the time required to lubricate equipment, and eliminate continuous monitoring by facility personnel.
- Shield lubricators increase reliability and keep equipment running longer.

REDUCE SAFETY RISKS

- Shield lubricators decrease the interface between employees and operating equipment, reducing the likelihood of workplace accidents.
- Shield lubricators increase safety in extreme heat, extreme cold or other harsh environments, where the physical demands of performing regular manual lubrication increase the risk of fatigue, heat exhaustion or hypothermia.
- Shield lubricators can be mounted remotely in safe, easy-to-reach locations at ground level, eliminating the exposure of field personnel to difficult and dangerous lubrication tasks.



EASY TO USE

Shield lubricators are easy to set up, easy to use, providing significant benefits right away. Simply install a Shield lubricator at any lubrication point and set the lubricant amount and discharge period. Once activated, Shield lubricators continuously discharge fresh lubricant into the lubrication point, while the equipment is running.

Available in a range of designs, Shield lubricators offer multiple solutions to meet the demands of your equipment and operating environment.

Shield AGL: A flexible, gas-driven lubrication system that uses a rotary switch to discharge lubricant over a period of 1 to 12 months.

Shield TGL: A temperature-independent, gas-driven lubrication system for challenging environments with high temperature fluctuations. Features a digital display with push button settings to discharge lubricant from 1 to 12 months, independent of ambient temperature.

Shield TML: An electromechanically-driven lubrication system that provides reliable, precise discharge of lubricant independent of temperature and counter-pressure. Uses battery power (TMLb) or external power (TMLe) for its digital display, with push button settings to discharge lubricant from 1 to 12 months.

Shield lubricators increase equipment reliability by supplying consistent, precise lubrication to a variety of applications in multiple industries, including:

- Fans
- Blowers
- Electric motors
- Pumps
- Conveyors





READY TO GET STARTED?

Visit www.cookcompression.com to find your local Cook Compression representative or submit an inquiry.



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