

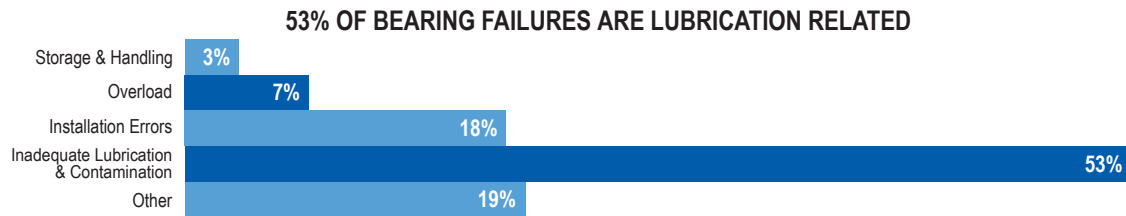
AUTOMATIC LUBE SYSTEMS

- ✓ Reduce Unplanned Downtime
- ✓ Increase Life of Components
- ✓ Lower Operating Costs
- ✓ Use Your Standard In-Shop Grease
- ✓ Systems Installed at Your Location



INCREASE RETURNS ON YOUR TRUCK INVESTMENT

Bearing failure resulting from improper lubrication is a major cause of equipment downtime and significant unnecessary maintenance costs in today's environment. The majority of failures are caused by: contamination of bushings by dust, dirt and moisture; inadequate amounts of lubricant applied to bearings; or over-lubrication of key pivot points.



Direct costs resulting from inadequate lubrication can include: replacement bearings; labor to repair or replace bearings; lost time and its impact on customer service; or lost "on-road" time and replacement truck rental costs. Indirect, but very real costs include: wasted lube, environmental issues, safety or housekeeping issues, and higher labour costs related to inefficient manual lubrication practices.

FLO AUTOMATIC LUBRICATION SYSTEMS

Completely reliable and fully automatic, a FLO Lubrication System will increase your component life and overall productivity. The system dispenses small measured amounts of lubricant at frequent intervals while your equipment is operating, maintaining a consistent lubricant seal to prevent dirt and contaminants from migrating into bearings. It will help keep your rolling equipment out on the road making money and reduce your labor costs when compared to the traditional method of point-by-point manual lubrication.

Increases life of critical wear points = Protects your investment

Less unplanned downtime = Increases profits

Fewer replacement parts to stock = Lowers operating cost

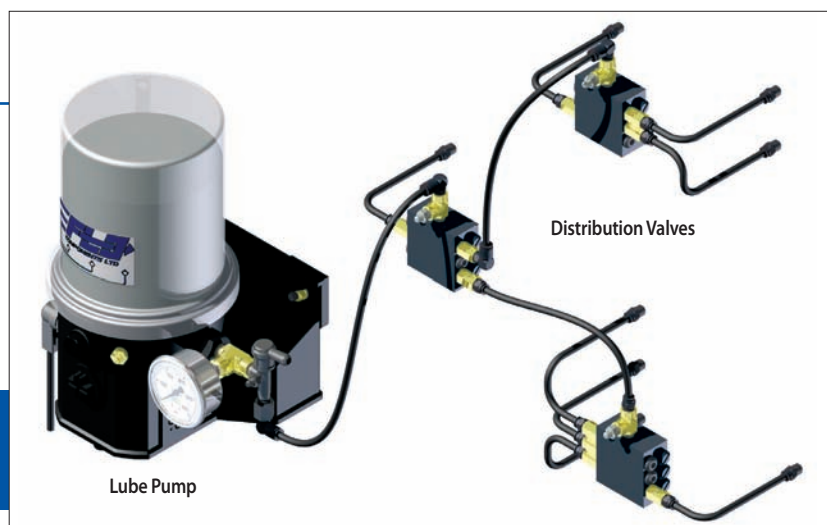
Equipment stays on the road = Faster ROI

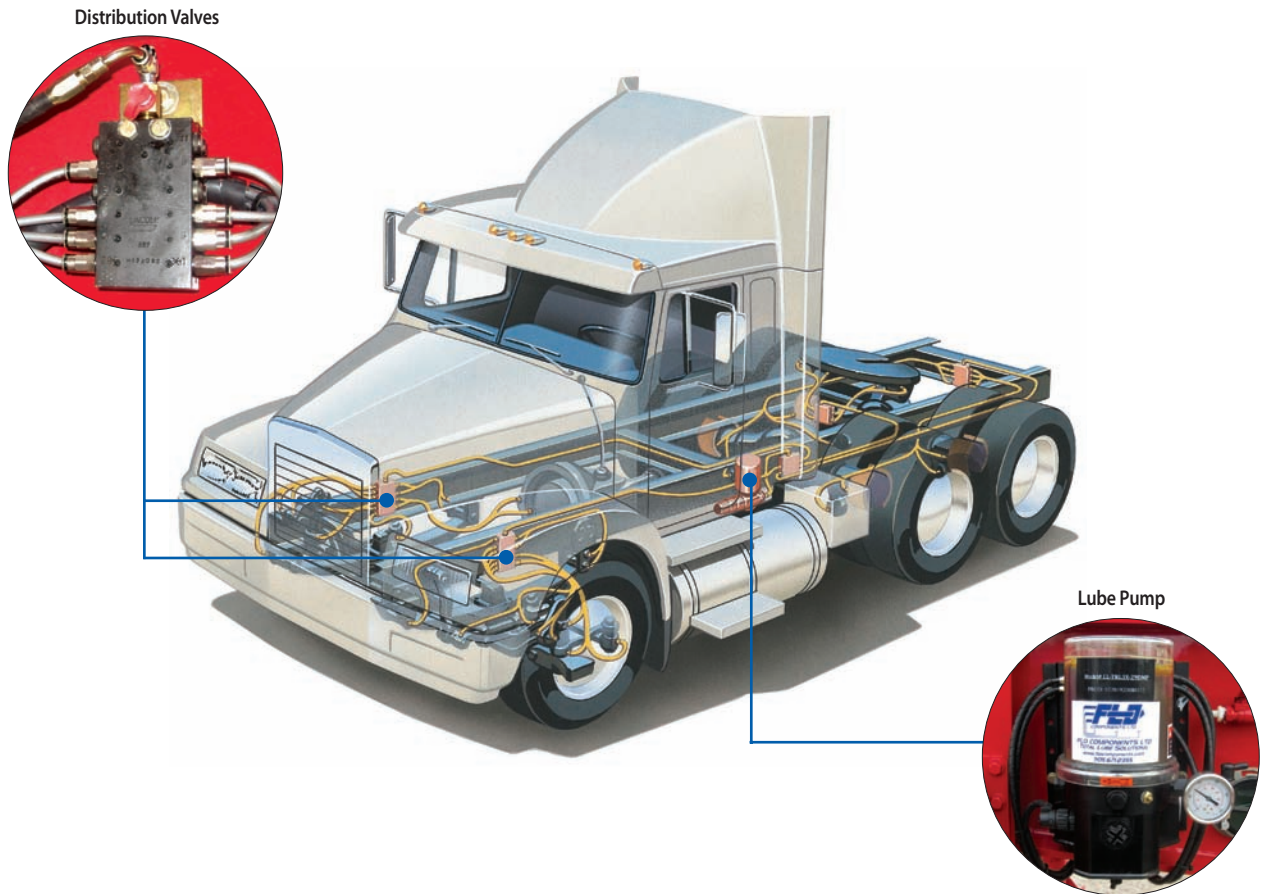
Uses your standard NLGI #2 in-shop grease = No inventory of higher-cost grease

TYPICAL SYSTEM LAYOUT

FLO's installed Lubrication System consists of a 12/24 VDC Series 203 pump, SSV positive displacement grease metering valves, fittings, tubing and hose. Pumps include an integrated adjustable timer for easy installation, trouble-free operation and maximum flexibility. Our system typically services your king pins, tie rods, steering drag link, slacks, shackle pins, spring pins, transmission cross shaft, brake shafts and fifth wheel if applicable. Optional monitoring will provide a warning light in your cab indicating reservoir low level and non-delivery of lubricant to your bearings. The FLO lubrication system is suitable for most off-the-shelf North American greases currently in your shop. It will handle lubricants up to an NLGI #2 rating to -25 °C or -13 °F.

Handles high-pressure wash downs





Commercial, Municipal & Construction

Municipalities, fleet operations and transportation companies are constantly under pressure to save money, increase productivity and make every investment in commercial vehicles last longer. FLO's ChassisLub System is ideal for all of your heavy duty truck applications - liquid or bulk dry, shunt trucks, city delivery, regional or long haul. Large fleets can expect to save hundreds of thousands of dollars over the life of their equipment, by lowering costs and improving efficiencies.



FLO's Systems are also routinely used on special purpose trucks, such as garbage, concrete, fire, buses, snow plows, street sweepers and vacuum. Points on these vehicles are often difficult to access and are subjected to dirty, wet environments. Adding further complexity, some have over 50 lubrication points. Your installed system lubricates during frequent turns, stops and starts, and promotes uptime and reliable performance as you work to meet tight deadlines.



Trailers

With a unique controller card that keeps track of the time a trailer is in use by monitoring its vibration, the QLS 321 delivers precise lubrication by using the power of your trailer's brake lights. It comes in 12 or 24VDC versions capable of servicing 6, 12 or 18 points. The QLS 321 works in temperatures from -10°F to 158°F. It handles high-pressure wash-downs with its NEMA 4 (USA) and IP6K9K (Europe) protection ratings.

A quad axle trailer has between 30-40 points of lubrication. Lubricating on a weekly basis takes between 2 – 3 hours based on shuttling the trailer to and from the lube bay combined with finding, reaching, cleaning the fitting and then actually lubing the point. This equals \$2000 per unit per year in direct labor costs, plus the lost revenue time. And if a point fails due to lack of lubrication, associated downtime can easily exceed labour costs. On a typical Quad axle trailer, the FLO Automatic Lubrication System will service axle pivots, axle locks, slacks adjusters and brake shaft tubes. If the axles are on a truck, all the vehicle lube points are serviced from a single pump.

THE FLO DIFFERENCE

FLO Components Ltd. is a lubrication systems specialist and the leading supplier of "Total Lube Solutions" to major manufacturers in Ontario. Established in 1977, and based in Mississauga, ON. FLO uses application expertise, qualified installation & service technicians combined with high-quality products to provide cost effective Solutions for all types of lubrication & fluid handling applications. We design and have assembled the highest quality systems for transportation, construction and municipal equipment users using components from industry leaders such as Lincoln, SKF, Graco, Fairview, CoreLube, Petro-Canada and other world class manufacturers.

FLO Components Solutions include:

- Systems Design
- Auto Lube Systems
- Lube Dispensing Systems
- General Lube Equipment
- Specialty Lubricants
- Trouble-shooting



- Lubrication Audits
- On-Site Installation
- Complete On-Site Personnel Training
- Scheduled On-Site Maintenance Programs
- Factory Authorized Warranty & Service Facility
- On-site & In-house Service

THE FLO EFFECT

Experience - We have helped industry leaders improve productivity and reduce operating costs with "peace of mind" Solutions for over 45 years.

Flexibility - We meet the requirements of your most demanding applications with the largest range of products and services in your local area.

Fast Response - Guaranteed within 24 hours.

Expertise - All our technicians have a skilled trade ticket, are participating in an apprenticeship program or have applicable industry experience. We service products from Lincoln, SKF, Vogel, Alemite, Mityvac, CoreLube Equipment and Graco, as well as most other major lubrication equipment manufacturers' brands.

Convenience - Our industry exclusive Mobile Workshops and our ability to create your solution "on site" frees up your resources to focus on your core business.

Trust - 90% of our business comes from customers who have relied on us for over 10 years.



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For Total Lube Solutions,
GO WITH THE FLO!

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