

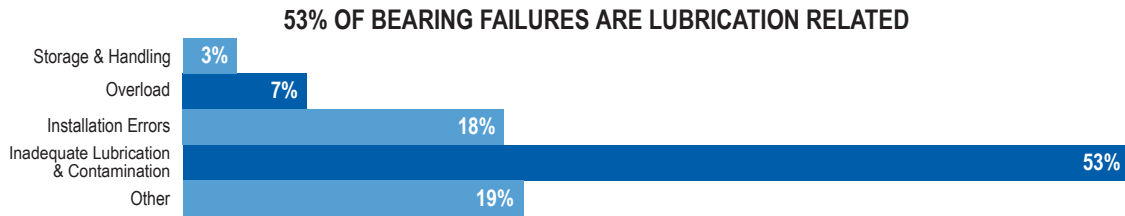
AUTO FLUID GREASE SYSTEMS

- ✓ Reduce Unplanned Downtime
- ✓ Increase Life of Components
- ✓ Lower Operating Costs
- ✓ Systems Installed at Your Location
- ✓ Use the Fluid Type Grease of Your Choice



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

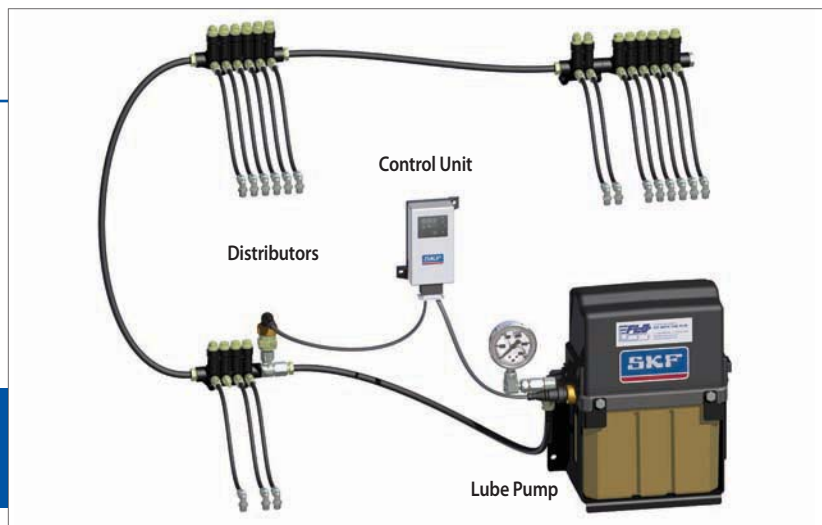
Equipment stays on the road = Faster ROI

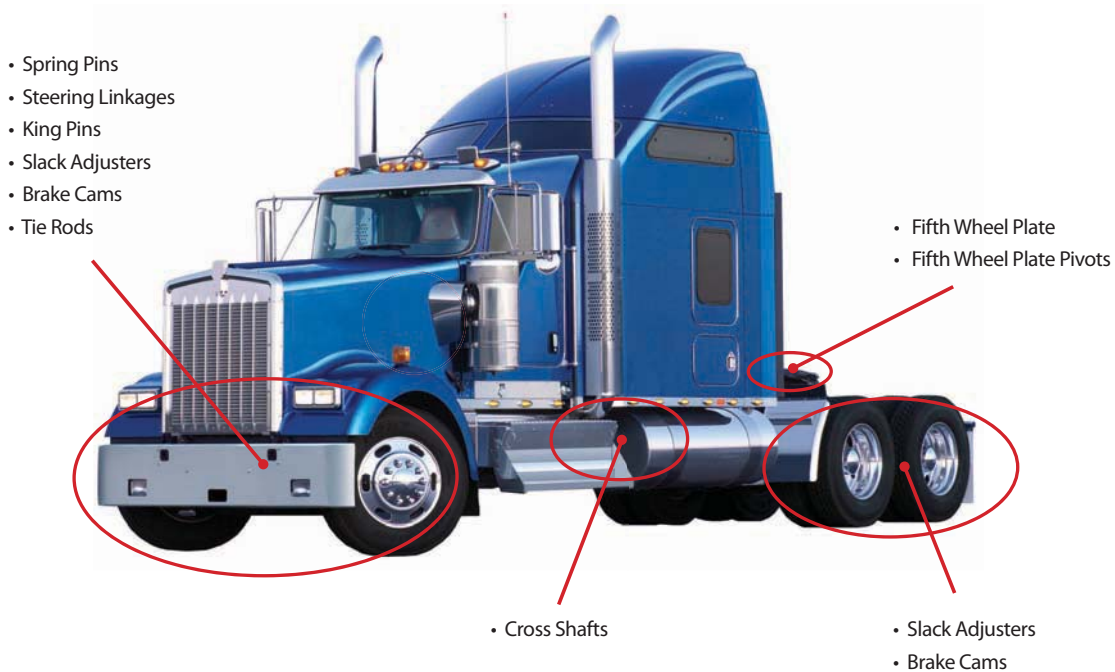
Use any brand of fluid grease = No inventory of higher-cost grease

TYPICAL SYSTEM LAYOUT

FLO's installed SKF MonoFlex Automatic Greaser is a single-line system, consisting of a gear pump and reservoir available in 2.7 Litre (6 lb.) and 6 Litre (13 lb.) sizes, external control unit and parallel type piston distributors. The timer-controlled pump supplies fluid grease to the distributor blocks via the main line when the pump is in operation. When the metering chambers of the distributors are full, the excess grease flows back into the reservoir via a safety valve. At the end of the pump run-time (start of the interval-time), the pressure relief valve opens and drops the main line residual pressure to 3 to 15 psi. The spring-loaded pistons in the distributors then discharge independently of each other, precisely measured amounts of lubricant from the metering chambers to the lubrication points. Our system typically services your king pins, tie rods, steering drag link, slacks, spring pins, transmission cross shaft, brake shafts and fifth wheel if applicable.

Adjustable Grease Distributors





Features of the FLO SKF MonoFlex System:

- Use Any Grease Brand - Operates with any fluid grease NLGI #000 to 00 that meets system specifications, down to -25 °C or -13 °F.
- Totally Electric 12/24 VDC Pump - No air required and therefore no impact on the truck air system.
- Pressure Gauge - Allows for visual monitoring of system pressure during maintenance inspections and trouble-shooting.
- Adjustable Grease Distributors - Individual distributors are easily adjusted to rates of 0.1 to 0.4 cm³ by changing the screw-in volume caps, without having to disconnect any of the grease lines.
- Electronic Control Unit - Installed separately in the cab. It controls and monitors the pump's running and also signals any malfunctions via an indicator light. The control unit has a microprocessor that stores all the operating states even after the power has been switched off.



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 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

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. If a point fails due to lack of lubrication, associated downtime can easily exceed labour costs. On a typical Quad axle trailer, a FLO Lube System will service axle pivots, axle locks, slack adjusters and brake shaft tube.

THE FLO DIFFERENCE

FLO Components Ltd. is a lubrication systems specialist and the leading supplier of "Total Lube Solutions" to major manufacturers and heavy equipment users in Ontario and Manitoba. Established in 1977, we are committed to "Meeting Customers' Needs Better" with qualified, well trained people who focus at making us the best at responding quickly, at installing professionally and at providing quality customized lubrication solutions for all our customers - done right the first time. Our clients understand that they're not dealing with "just another lube equipment supplier". They consistently choose FLO because they know they can trust and rely on FLO to take care of them, quickly and professionally. It is with this level of expertise and commitment that FLO will design, install and maintain an Automatic Lubrication System for you.

FLO Components Solutions include:

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



- QuickFit™ Onboard Oil Change Systems
- 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 40 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 SKF, Vogel, Lincoln, RPM QuickFit™, 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 15 years.



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For Total Lube Solutions,
GO WITH THE FLO!

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