



Automated Lubrication Systems for
Construction, Quarrying & Mining



Auto-Lube Services automated lubrication systems are installed to allow easy access for service, repairs, and inspections. All components are field repairable and easily replaceable.

Our installations are some of the best and most recognized in the industry. Our goal is to give you a "Factory-installed" system, whether we are installing a system on a new piece of equipment or an existing one.

In this industry, longevity and continuous proper functioning of the auto-lube system is very dependent upon guarding. Our full guarding packages insure that your system will outlive the rigors of your environment.

Every day, construction, quarrying, and mining fleets incur the high and hidden costs associated with manual lubrication. Manual lubrication requires that every piece of production machinery be shutdown for greasing. In addition, operators and maintenance staff must climb on, in, and around the machinery to perform the daily lubrication functions. The high costs of machinery downtime, the ineffective method of manual lubrication, and the risk of a recordable accident, requires today's fleets to review and implement newer and alternative methods and technologies.

Auto-Lube Services, Inc. automated lubrication systems provide the following benefits for today's modern equipment fleets:

- Increased production up-time
- Increased machinery reliability
- Extended machinery service intervals
- Elimination of machinery downtime due to manual lubrication
- Increased operator and mechanic safety
- Reduced unplanned downtime
- Increase in machinery residual value



Let us show your organization how our technology and services can provide these and many more benefits to your productivity and profitability. Your organization can be one of the many companies to realize the dramatic value in changing to automated lubrication.



Over 50% of All Bearing Failures are Lubrication Related.

With automated lubrication solutions, frequent lubrication first purges pins and bushings and actually lubricates second. Once a pin and bushing can operate with reduced or eliminated contamination, its life is dramatically increased. It is common on many types of equipment, that the machinery will never need pin and bushing replacement.

Our automated lubrication systems perform two key and critical functions. First, pins and bushings are lubricated by metering smaller amounts of grease on a more frequent basis while the equipment is in motion. By doing this, a dynamic grease seal is created. This not only saves pins and bushings, but also saves shims and o-rings. You cannot do this with manual lubrication.

Secondly, and even more importantly, auto-lube systems eliminate the most frequent maintenance interval on a piece of mobile equipment. This is the 8-10 hour PM interval for manual lubrication. Subsequently, auto-lube systems can create production uptime increases of at least 30 minutes per shift. The only remaining lubrication related maintenance interval will be the occasional re-filling of the pump reservoir.





Our expertly installed automated lubrication systems can be adapted to fit on all brands and sizes of construction, quarrying, and mining equipment.

- Excavators
- Wheel Loaders
- Rigid-frame Haul Trucks
- Scrapers
- Articulated Trucks
- Motor Graders
- Milling Machines
- Pavers
- Stationary Quarry Machinery
- Tub Grinders
- Breakers
- "Over-the-Road" Trucks

Important System Features and Options Include:

- 12/24-volt pumps with full monitoring and fault logging
- Optional reservoirs from 8-liters to 12-gallons
- High-pressure systems capable of 3,500 psi
- In-cab "red" light for fault indication
- Proximity switch monitoring for "plugged line" detection
- Visual indicator pins on all metering valves
- Lube fittings on each valve for manual lubrication
- Complete modular and replaceable guarding packages
- All hose connections are quick-disconnects
- All hose and fittings are high-pressure (4,000 psi)
- Standard one-year warranty on every system
- Extended warranties and service agreements are available

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