Hydraulink®

Lubrication Systems

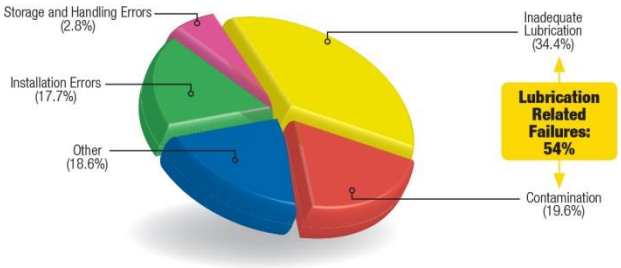
Automated Lubrication System

Far too many benefits for your business to ignore!

Hydraulink can show you how the installation of a centralised automatic lubrication system can improve productivity, extend the service life of your plant and still be able to pay for itself so much faster than you may think.

Why Bearings Fail

In a study conducted by SKF, over 50% of bearing failures are a result of improper lubrication.



"Lubricants like grease are an important ingredient to overcome friction between moving parts, acts as a sealant to minimise leakage, and to keep out contaminants"

Key Benefits of an Automatic Lubrication System

An automated lubrication system makes business sense in so many ways.

Improved productivity, increased service life of parts, elimination of unsafe servicing practices, no unnecessary spillage or waste.

With manual point by point lubrication, there is the chance of inadequate or excessive application of grease or oil. With a centralised and automated system, a measured amount of lubricant is scheduled to dispense to the individual requirements at each point. The service life of critical moving parts such as pins, bushes and bearings is therefore increased.

Furthermore, machine productivity is substantially improved with no down time. The unsafe practice of climbing over machinery, working around moving or isolated parts is eliminated. Lubrication to expensive machinery parts can automatically take place while still in operation. By eliminating manual lubrication, 30 minutes a day of precious time can be regained. Over the course of a year, this can amount to substantial savings.

Talk to your Hydraulink specialist to calculate your return on investment.

Ideal for

- Daily or weekly lubrication requirements
- Insufficient man power
- Operating across a wide range of temperatures
- Hard to reach lubrication points

Best practice to ensure moving parts such as bearings receive the right amount – dispensing smaller measured amounts at frequent intervals.

The Quicklub System

The Lincoln Quicklub system is a centralised pumping arrangement that automatically delivers lubricant through a single supply line to a network of metering valves. This network can supply lubrication for up to 300 points and can be accurately adjusted to deliver the precise amount of grease or oil to each point as required.

Recommended Applications

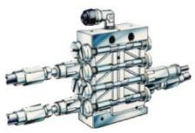
Suitable for all types of Hydraulic and Industrial applications (fixed and moving plant) undertaken across a diverse range of industries (transport, forestry, mining, agriculture, marine, and materials handling).

Pump

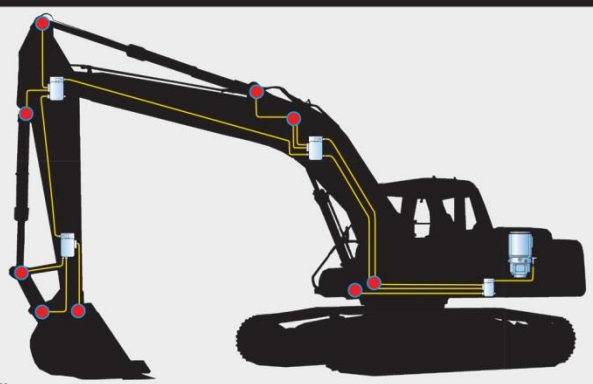
- Versatile for both Grease and Oil application
- Suitable for use with any grease up to NLGI Grade 2
- Closed and sealed system eliminates spillage – cleaner and safer environment
- Durable housing, weather and UV resistant
- A range of reservoir sizes
- Pneumatic, electric or hydraulic pump options
- Strong stirring paddle to mix lubricant at low (-40 degree) temperatures

Metering Valves

- Easy to set up and service with quick plug in connectors
- Flexible metering adjustable over a wide range – no waste
- Up to 20 grease points operating at pressures as high as 350 bar
- Leak proof, high back pressures capabilities - No gaskets or O-rings components



Typical schematic for Automatic Lubrication System for Bearings



System Overview
A pump delivers lubricant to a Quicklub valve(s) that incorporates a series of metering pistons which accurately dispenses lubricant from each outlet. The metering valve can be cross ported to supply a variety of bearing sizes. Quicklub valves work with grease or oil.

Hydraulink®
Lubrication Systems

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Since 1945, we have been committed to keeping your business running smoothly

Best under pressure

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