LINCOLN®

Lubrication Systems for Agricultural Machines

Keep in Motion!

Quicklub Progressive System

Ideal for Individual Machines or Groups of Machines

Economical & Reliable

Ideal for individual machines or groups of machines Quicklub Systems have been designed to meet the toughest requirements of agricultural machines and equipment. Their operation is based on the reliable progressive principle in which the lubricant is dispensed by a piston pump via progressive plunger metering devices to the lubrication point. The lubrication occurs in metered, timed intervals at a maximum pressure of 350 bar. Thus the lubrication of bearings with high back-pressures is also guaranteed. The pump can serve up to three independent circuits, each with its own pump element, consisting of numerous lubrication points with lubricant.
The system is easy to monitor and ensures that the right quantity of grease is supplied to the lubrication points

Filling of Quicklub Pumps: Fast & Easy

System Characteristics

- No corrosion of the light-weight pump housing which is made of heavy-duty, fiber-reinforced resin.
- The pump motor is protected against damage and moisture (IP6K9K).
- 2-, 4-, 8-, and 15-liter reservoir (Optional with filling from the top and a lockable lid).
  A special 2 liter flat version is perfect for very low installation areas because it's only 244 mm high!
- The high-precision progressive metering device in block-form allows pressure differences of 100 bar and eliminates leaks.
- Progressive metering device also available in stainless steel.

- Multiple outlets of the progressive metering device can easily be internally combined without the need of external connectors.
- Over-pressure valve – also equipped with an indicator and reservoir return.
- PLC controllable or fully automatic via integrated circuit board.
- Installation can be performed with threated or 350 bar rated Quicklinc plug-in fittings.

SSV D – The new Progressive Metering Device

SSV-D metering devices are adjustable per outlet pair thus enabling an accurate matching to lubricant requirements. The metering occurs within the metering block via metering screws that are available in 10 different sizes.

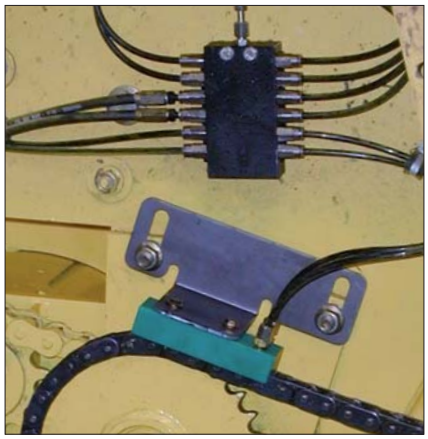
SSV-D Divider Blocks with Metering Screws

Quicklub

Chain Lubrication for Oil or Grease

Contact Lubrication via Guide Blocks

The main applications for this genuine simple new lubrication system are transport/conveyor chains found in all industries. This system simultaneously cleans, guides and continuously lubricates the chain – and it has an extraordinary long life thanks to highly wear-resistant plastics that are very robust and insensitive to contamination and knocks.



Pick-Up Contact Lubrication

The system is patent pending and underlies protection of registered design No. 20210758.2.

Brush Lubrication

The Lincoln brush lubrication in conjunction with Quicklub pump provides an economical entry-level chain lubrication system.

Brush Lubrication

The Quicklub range does however offer numerous add-on possibilities. As a result, it fulfils all expectations for an easy, maintenance-friendly and high quality lubrication system.

QLS 401

For Grease up to NLGI Class 2

QLS 401

The QLS 401 is a complete lubrication system that includes all necessary monitoring and control functions. All components including an internal overpressure valve are part of the complete package. The comprehensive list of standard features is a remarkable characteristic of the QLS 401.

The integrated, all-in-one system concept reduces installation time and costs.

The QLS 401 is designed for all industrial and mobile applications. Up to 18 lubrication points can reliably be supplied directly from the pump and monitored at an affordable price.

System Characteristics

- 1 or 2 litres reservoir capacity
- Small compact, ready-to-install package
- Space requirements – 230mm x 230mm x 215mm
- Integrated controller with monitoring or optional without controller
- Integrated display and keypad
- Easy refilling – please inquire for further information
- Built-in over-pressure valve with return
- Optional low-level control

QLS 311

Compact System for Oil

QLS 311 – Oil Pump with Filling from the Top, with Float Switch

- Available in 12 or 24 VDC as well as 120 VAC, 60 Hz and 230 VAC, 50/60 Hz
- Attached divider block or optional with external divider block
- Internal outlet lubricant return possibility
- Large spectrum of usable lubricants

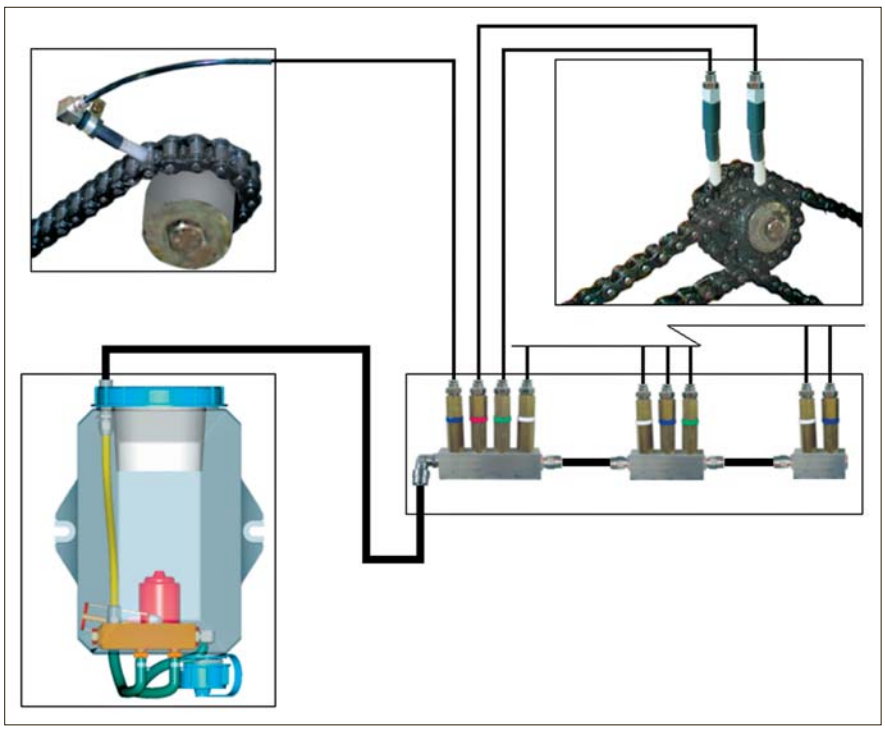
Single-line Oil System for Chain Lubrication

EOS-Pump

EOS

The EOS is the reliable and most economical solution for the oil lubrication of chains. The system is a direct operating, electrically driven, single-line centralized lubrication system. The system is ideal for machines with chain drives and 12/24 VDC power supply – e.g. agricultural equipment such as balers.

The metering elements supply the required oil quantity in timecontrolled intervals to brushes or felt pads which evenly apply the oil to the chain. The required metered quantity of oil can be adjusted to properly match the working condition, the size and length of the chain.



EOS Lubrication System

EOT – the EOS Controller

The metering range selection of 0.1, 0.3, 0.4 or 0.5 cm^3 provides versatility to ensure that requirements are met.

EOT – the EOS Controller

For machines without a controller, Lincoln offers a 12/24 VDC controller. The pause time is adjustable from 1 to 100 minutes. The controller enables a simple retrofit installment of the EOS oil lubrication system.

System Advantages

- Precise, metered quantities of oil reduces wear on the chain and drive
- Metered quantities can be selected to match the chain size and length as well as operating parameters
- 5l reservoir provides extended filling intervals
- Push-in fittings provide quick & easy installation

System Characteristics EOS

- High supply volume in short time (circa 400 ml /min at 3 bar back-pressure)

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