



PROTECTING THOSE HARD WORKING MACHINES

Used in the Agricultural Market



Quality Engineered Systems



Automatic Lubrication Systems



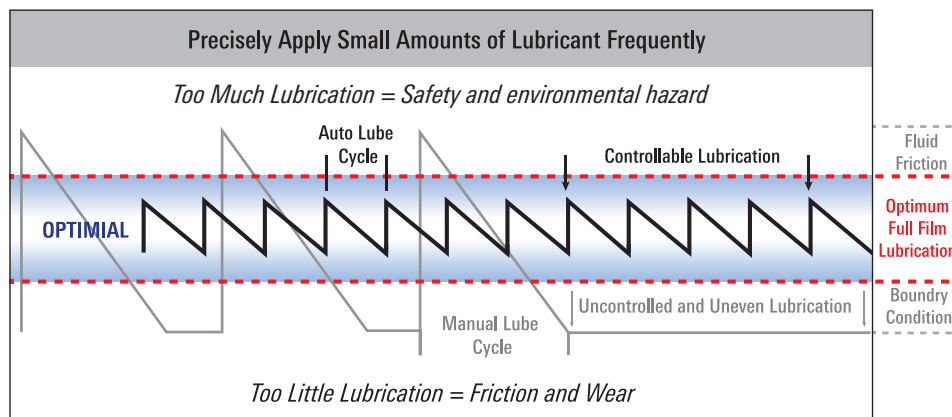
In today's fast paced world, we expect more and more from our equipment. Similarly, technological advances, whilst making machines more efficient, have also made them more complex. Correct lubrication is the lifeblood of any machine, it keeps the moving parts, gears, pinions and mounts in good working order to provide the owner excellent life from their investment.



JSG Industrial Systems has designed centralised lubrication system kits to suit the agricultural machinery. The Quicklub system delivers controlled amounts of lubricant to each lubrication point on the machine while in operation. Through the regular lubrication of each bearing point, you can ensure longer bearing life, which in turn increases overall productivity through the increased machine operating time.

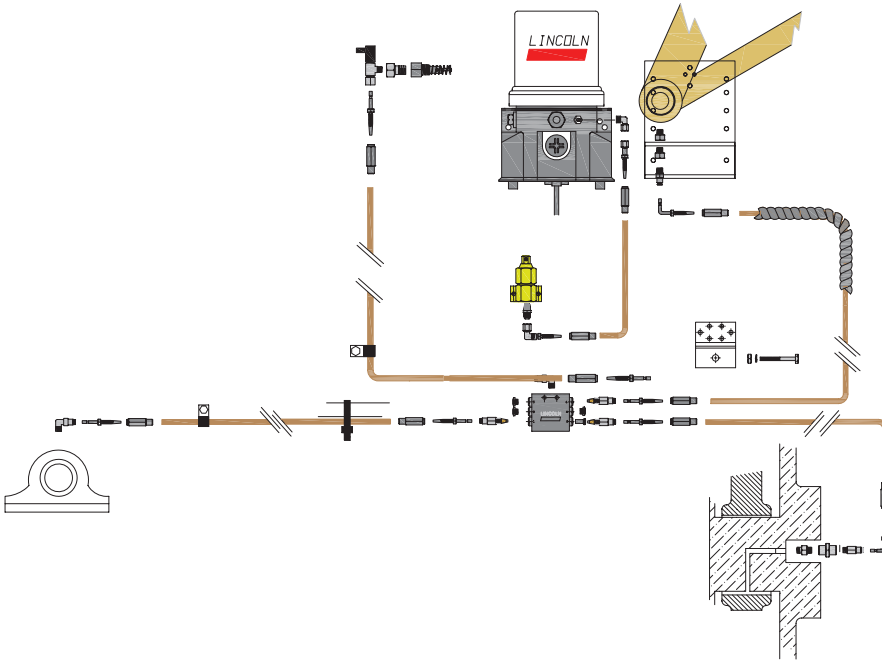
Benefits of Automatic Lubrication Systems

- Reservoir capacities available in 2, 4, 8 and 15 Litres
- System capability of 350bar/5,000psi operating pressure
- Lubricates while in motion and working
- High pressure hose is used for all main supply lines
- In-cab options allow the operator more control



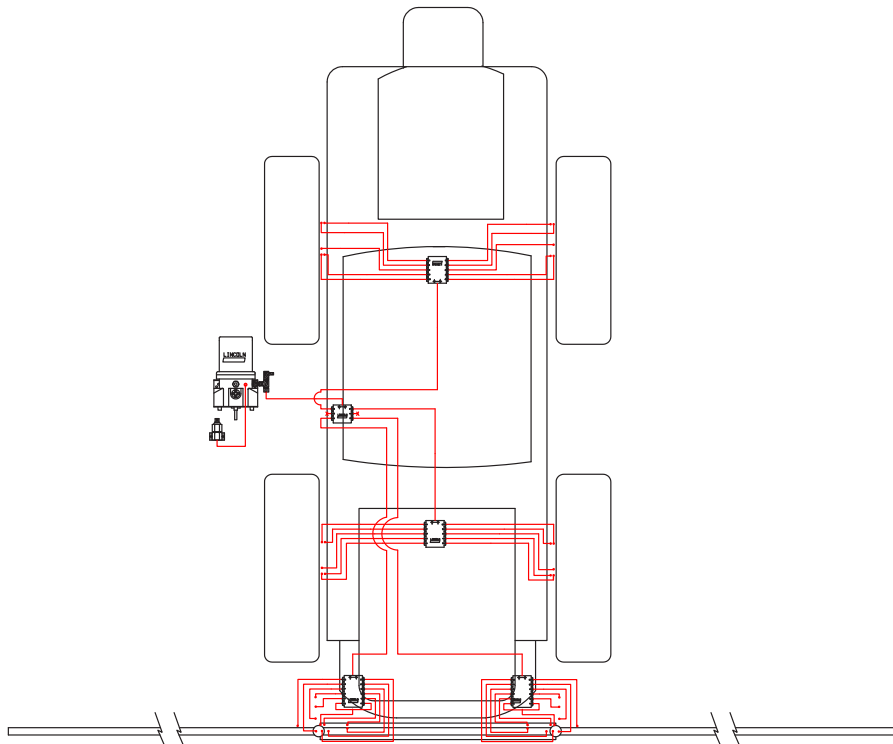
Manual and Automatic centralised lubrication systems are suitable for any machinery with bearings & bushes:

- | | | | |
|-------------------|----------------------|-----------------------|------------------|
| ■ Tractors | ■ Harvesters | ■ Cutters & Shredders | ■ Crawler Dozers |
| ■ Balers | ■ Sprayers | ■ Wheel Rakes | ■ Forwarders |
| ■ Loggers | ■ Planting & Seeding | ■ Loaders\Skid Steers | ■ Skidders |
| ■ Swing machinery | ■ Haulage Trucks | ■ Trailers | |



Pump Kit + Element Kit + Block Kit

The diversity of a lubrication system means that it can be designed across a wide format of machines and vehicles. With a change of pump capacity or metering device the system can be created to suit your needs. Options are available to monitor the systems cycling times and output sensors if required. These are used when the pump is located in an area that the operator cannot easily see.



Patriot 3330 Sprayer

Muster Foam Transferable Unit for Fire Fighting (TUFF)

MUSTER®

Readily available fire fighting unit provides immediate opportunity to help protect agricultural and forestry machinery while in use in fields, paddocks, trails, bush or forest.



Fires can occur on many pieces of agricultural and forestry machinery without warning. The difficulty is that many of these fires occur in multiple locations on the equipment. To address this, the Transferable Unit for Fire Fighting (TUFF) provides the capabilities of being attached or positioned either on the machinery itself or on the back of a support vehicle.

- When mounted directly on the machine, the TUFF unit provides immediate access for an operator to highly effective firefighting foam solution in the event of a fire
- When mounted on the back of a support vehicle, the machine operator has another set of eyes monitoring the machine, and in the event of a fire the support vehicle can be located to address the fire from a position of safety

Product Features:

- Fully self-contained
- Can be relocated from one piece of machinery to another as required
- Does not rely on any power from a PTO or pump
- The system works off nitrogen pressure that is stored inside the cylinder and can be easily filled by the operator. No licence required

Product Details:

- The Transferable Unit for Fire Fighting (TUFF) consists of a cylinder with bracket, aerator nozzle, valving and a hose reel with 15 metres of hose



PART NUMBER	DESCRIPTION
43-M2TUFF038	38 Litre TUFF Kit
43-M2TUFF066	66 Litre TUFF Kit
43-M2TUFF110	110 Litre TUFF Kit

Muster Foam 24/7 Monitoring Fire Suppression System

MUSTER®

At the first sign of excessive heat or flames within the engine bay, the Muster Fire Suppression sensors detect a potential problem while the machine is in operation and discharges an environmentally responsible firefighting foam solution to suppress the fire and protect your machine.

- **24/7 Integrity Monitoring:** All Muster systems are controlled by our unique Alarm Panel. All critical components are status monitored using intelligent sensors to ensure the operating integrity of your installation.
- **Single and Dual Agent Solutions:** Depending on the application, agents can be used in a stand-alone installation, or combined to cover multiple risk types on the same piece of equipment.
- **Certification and Compliance:** Each of our Muster fire suppression agents, and all related components are tested by world-leading accreditation bodies to achieve regulatory compliance.
- **System Diagnostics:** The Muster Diagnostic Module captures all system status information for download onto your laptop or PC in an easy to read format.



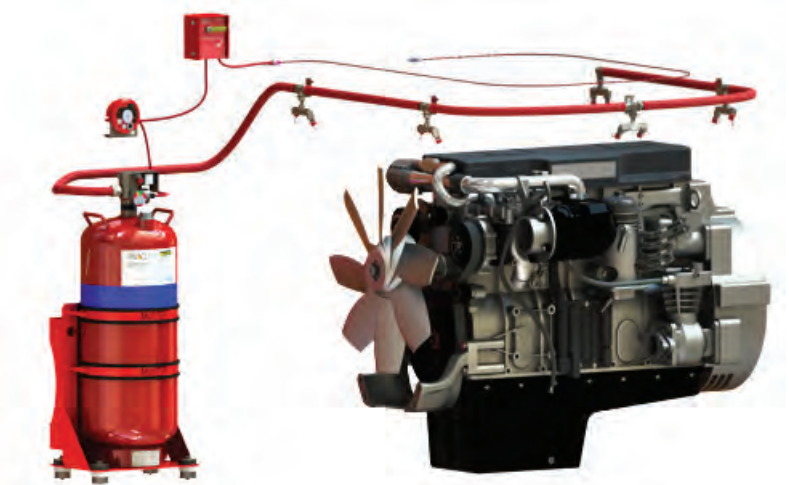
Fire Suppression System

Includes:

- Fire detectors
- LHD (electric) or LOP (pneumatic) valve/s
- Fire extinguishing agent containers
- Manual actuation devices
- Discharge pipe work and nozzles
- Alarm Panel with manual actuator
- Optional outputs for engine shutdown or external alarms/warning devices

Benefit of the system and what it offers:

- Full 24/7 monitoring of the heat detection sensor and cylinder integrity
- Rapid detection of a fire
- Initiates an alarm signal
- Automatically activates the discharge of extinguishing agent
- Manual activation and discharge of the extinguishing agent
- Provides a signal or indication confirming agent discharge
- Initiates safety functions
- Provides electrical shut down output



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