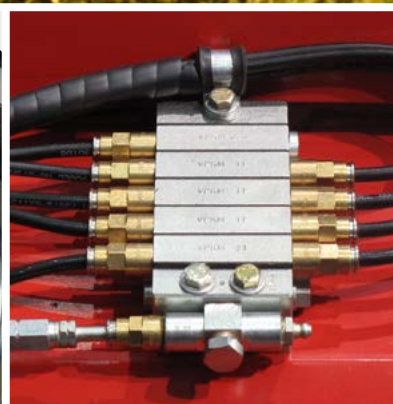


# SKF lubrication solutions for agricultural machines

Extended machinery service life, availability and productivity

UP TO  
**33%**

LUBRICANT SAVINGS  
BY SWITCHING  
TO AUTOMATIC  
LUBRICATION



**LINCOLN**<sup>®</sup>



## Did you know?

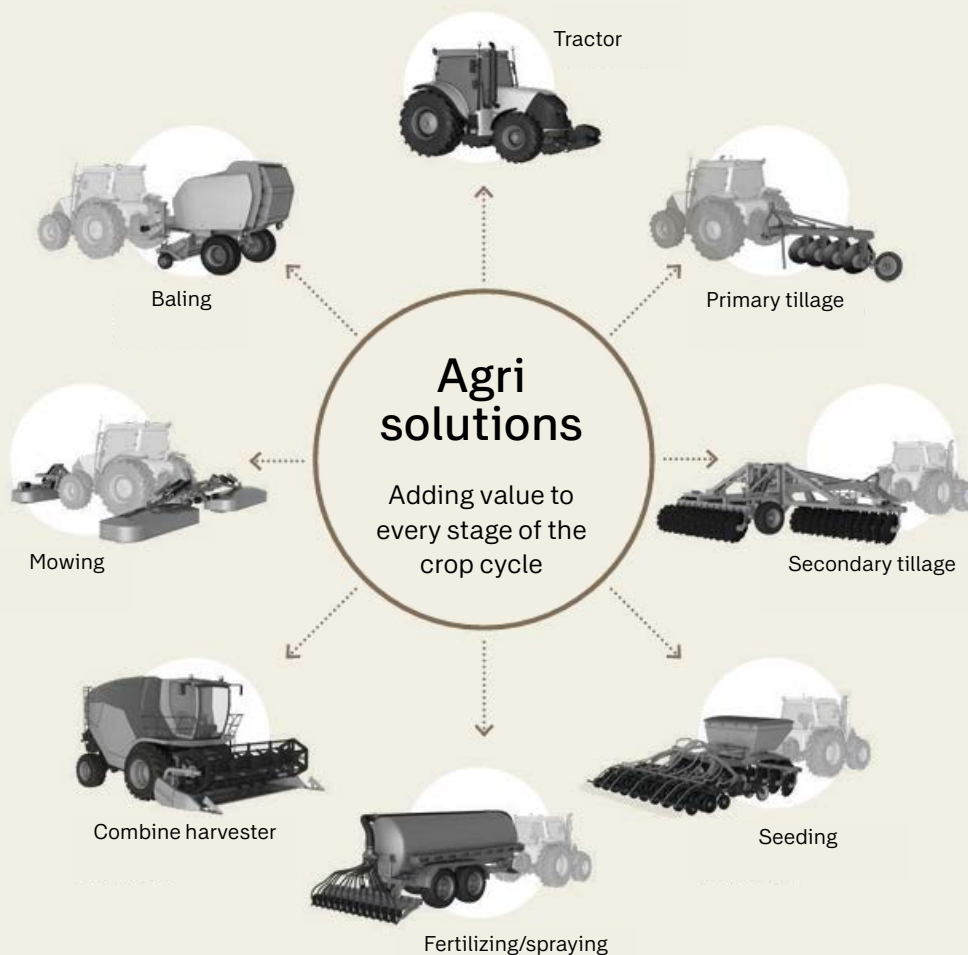
Automatic lubrication saves around 200 000 t of grease per year world-wide by reducing the lubricant waste caused by manual lubrication. This corresponds to 300 000 t CO<sub>2</sub> savings.

## Value added by lubrication

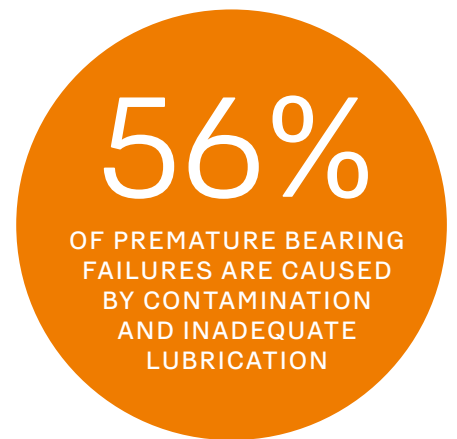
If dust, dirt, sand and water are allowed to work their way into critical machine components, they will form a “grinding compound” that reduces components life substantially.

Maintaining a proper lubricant film is key to reducing wear and downtime. Frequent lubrication acts as a means to reduce friction effectively and it virtually keeps bushing and bearings free of penetrating contaminants.

Being a bearing manufacturing company we discover again and again, that the high importance of reliable farm machinery lubrication is very often misjudged.



# Lubrication solutions for farm machinery



## Introduction

In agricultural machines, lubricants amount to 2–3% of running costs. But 40–60% of maintenance costs come from poor lubrication. These numbers indicate the importance of reliable lubrication and appropriate lubrication practices. That’s why we talk not only about lubrication but also about lubrication management as an essential part of machine operation and vehicle maintenance.

Proper manual lubrication usually takes about 15–20 minutes per machine and maintenance cycle. Failure to properly lubricate each lubrication point on every machine can have a negative impact on schedules, maintenance costs and running time performance.

Automatic lubrication reduces downtime, so your equipment is available when needed. In addition to helping increase reliability and availability, lubrication systems help to extend service life, reduce operational and lubricant costs and minimize environmental impact by avoiding over-lubrication. Also, reducing manual lubrication results in fewer potential accidents, and mechanics can be utilized for other tasks.

Correct lubrication can already be difficult for individual points. The challenge is to do it right for all points. With the right connectivity solution, we help to step up to even more reliable lubrication.

This brochure will help you to get an overview of SKF Lincoln lubrication solutions for agriculture applications/vehicles. Of course, it can only represent a selection of solutions; please visit [SKF.com/lubrication](http://SKF.com/lubrication)

## Table of contents

Lubricant selection.....	4
Manual and semi-automated lubrication.....	6
Automatic lubrication systems.....	8
Connected automatic lubrication systems.....	10
Tractor lubrication.....	12
Trailer and implement lubrication.....	14
Combine harvester lubrication.....	16
Special harvester lubrication.....	18
Round and squared balers lubrication.....	20
Sprayer and slurry tankers lubrication.....	22
Garage and field service solutions.....	24
Discover the benefits of lubrication management.....	27



# It starts with a smart selection of lubricants

## SKF LubeSelect

SKF lubricants are designed for your needs and tested for performance in real applications. Our experience with bearings, lubricants and applications helps us to offer the most suitable lubricants for your application and improve your overall lubrication scheme. Testing and validating each production batch is our way to provide excellent lubricant quality around the globe. Specialized lubricant tests and continuous research in the field of lubrication help to optimize our knowledge further and support you with the right lubrication for your machines.

The app LubeSelect for SKF greases is developed by SKF and accesses a knowledge base to help you select an appropriate lubricant for a particular application.

Lubricant selection criteria:

- Operation conditions like temperature, humidity
- Engineering guidelines depending on component type and geometry, speed, load and temperature



SKF LubeSelect



# Recommended and market proven solutions

## LGGB 2

SKF LGGB 2 is a biodegradable, low toxicity, synthetic ester oil based grease, using a lithium-calcium thickener. Its special formulation makes it most suitable for applications where environmental contamination is a concern.

### Features and benefits:

- Good performance in applications with steel-on-steel spherical plain bearings, ball bearings and roller bearings
- Good low temperature start-up performance
- Good corrosion inhibiting properties
- Suitable for medium to high loads



Discover more on SKF.com

## LFFM 100

LFFM 100 is a high-performance synthetic chain oil specially formulated for the lubrication of chains operating in food processing and agriculture industries. It provides excellent load and anti-wear properties even in the presence of moisture and in low temperature environments.

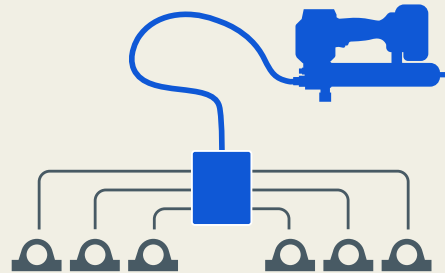
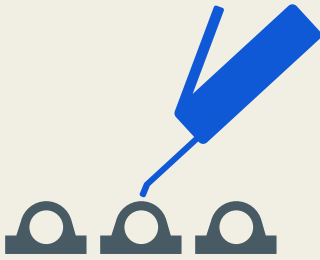
### Features and benefits:

- Especially suitable for moist and low temperature environments
- Excellent steel and copper corrosion inhibition properties
- Excellent anti-wear protection
- Excellent oxidation stability
- Low residue formation



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# Manual and semi-automated lubrication



## Manual lubrication

Manual lubrication of agricultural machines is a critical maintenance practice involving the application of lubricants to various components by hand via tools such as manual or electrical operated grease guns. This is the most simple but also time-consuming way of realizing lubrication.

### SKF offer

- Grease nipples
- Standard manual grease guns
- One-hand-operated grease guns
- Battery-driven grease guns

### Characteristics

- Low investment costs
- Very limited number of parts needed
- No installation complexity
- Low lubrication reliability
- Big maintenance effort

## Semi-automated lubrication

A centralized approach can be realized by connecting several lubrication points to lubricant metering devices with only one manual lubrication point at the metering device inlet left for manual lubrication tools. This represents an advanced, time-saving approach of realizing machinery lubrication while allowing at the same time to set the precise dosages for each lubrication point.

### SKF offer

- Grease guns
- Grease nipples
- Fittings and accessories
- Lubricant hoses and tubes
- Progressive metering devices
- Adjustable progressive metering devices

### Characteristics

- Medium investment costs
- Limited number of parts needed
- Limited installation complexity
- Medium lubrication reliability
- Limited maintenance effort

# Recommended and market proven solutions

## TLGB 1886-E

The TLGB 1886-E battery-driven grease gun offers the key features you need for tough jobs. The versatility of the two-speed design enables you to address all lubrication points with a single tool, protecting your equipment from costly repair and downtime. The tool's high-ratio gearing will move large quantities of grease quickly when needed, while its low gearing supports deliveries of up to 700 bar.

### Features and benefits:

- High performance for intensive use
- Built-in LED illuminates the work area
- LED indicators identify loss of prime, empty cartridge or blocked fittings
- Trapped air inside of the grease gun can be easily removed with the vent valve to restore priming



Discover more on SKF.com

## SSV

These single-block progressive metering devices reliably divide the incoming lubricant into predetermined individual quantities. SSVs can be used with high backpressures, and they are ideally suitable for a wide range of temperatures. The maximum operating pressure is 350 bar. SSV metering devices are available with 6 to 22 outlets. Monitoring is possible via pin indicator for visual system monitoring or with a piston detector for electrical system monitoring.

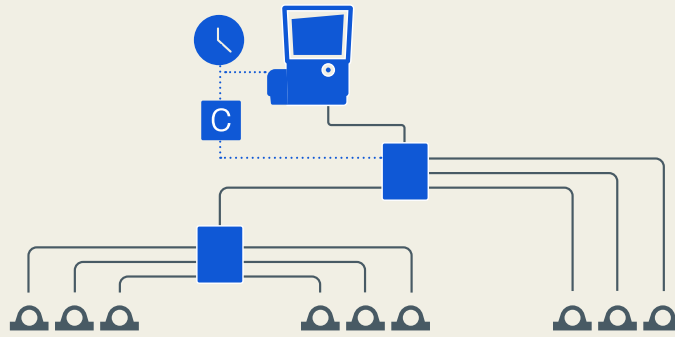
### Features and benefits:

- Sizes up to 22 outlets
- High operating pressure
- Available in different materials
- Exact lubricant metering
- Unique internal cross porting technology



Discover more on SKF.com

# Fully automated lubrication systems



Automatic lubrication means a 100% reduction of manual lubrication activities. It is realized by connecting all lubrication points via a system consisting of metering devices and lubrication lines and fittings with a central pump unit including a lubricant reservoir. This system can become also connected to an internal or external controller that enables precise and reliable, automatic machine lubrication. You will become prewarned about low reservoir filling levels.

## SKF offer

- Electrically or hydraulically driven lubrication pumps
- Control and monitoring devices
- Lubricant metering devices
- Lubricant lines and fittings

## Characteristics

- Virtually maintenance free
- Higher lubrication reliability - lubrication while machine is running
- Adjustable lubrication cycles
- Monitoring possibilities - automatic control of the reservoir filling level incl. low level alarm



# Recommended and market proven solutions

## AECP

The compact electric cartridge pump combines the best of manual and automatic lubrication. The AECP utilizes standard grease tubes, making refilling an autolube system as easy as refilling a grease gun. It does not require any special refilling tool or equipment. In addition, the use of cartridges allows for a wide range of lubricants. The pump fits into tight spaces thanks to its small footprint and flexible mounting options. The AECP is very robust and withstands harsh working environments and working conditions.

### Features and benefits:

- Compact footprint fits into tight spaces
- Robust design withstands harsh working environment
- Increases equipment availability and reliability
- Simplifies machine maintenance
- Easy to retrofit



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## CLP Touch

SKF Lincoln compact lubrication pumps CLP Touch have an integrated control board with data-logging functionality. Using the intuitive touch display makes it very easy to set pump parameters. The user is guided through the parameter settings. In case of pump or system failures, the panel provides full-text messages in many languages. Users can easily monitor the operational status thanks to the visual red/green indication.

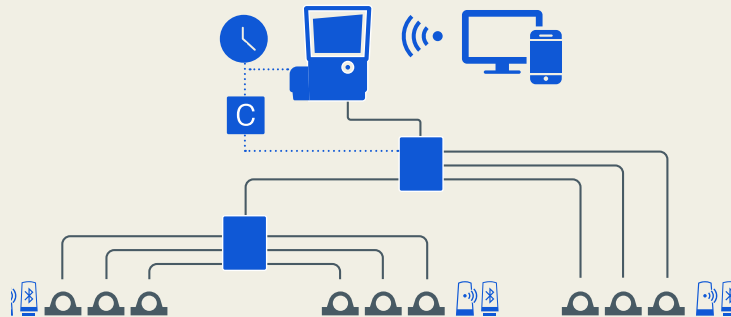
### Features and benefits:

- Automatic grease lubrication pump incl. one liter reservoir with filling level sensor
- Easy and intuitive setting of pump configuration
- Guided set up of pump parameters
- Prevents misuse or unintended changes by password protection on different levels
- Visual indication of operational status



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# Connected automated lubrication systems



Connected or intelligent lubrication systems mean you are aware of all machinery lubrication-related data in real-time. You have access to lubrication-related statistics such as lubricant consumption or lubrication cycles e.g. so you can align smartly with all collected machinery data to optimize machine performance and availability.

## Characteristics

- Virtually maintenance free
- Higher lubrication reliability - lubrication while machine is running
- Adjustable lubrication cycles
- Monitoring possibilities - automatic control of the reservoir filling level incl. low level alarm
- Data collection and lubrication related statistics
- Remote control and accessibility

## SKF offer

SKF eLube is a new generation of connected automatic lubrication solutions – a complete line of smart and user-friendly components that you combine in a system to fit your needs best.

SKF eLube can help you identify issues at a glance, track machine health data, get early warning of potential failures and take preventive action. Connect it to a cloud and receive machine performance insights based on data from both your lubrication system and your bearings.

SKF eLube products are compact, fit-for-purpose and easy to integrate into your equipment.



Discover more on [SKF.com](https://www.skf.com)

# Smart monitoring at its easiest

## CLP Smart

### Features and benefits:

- Compact lubrication pump for small progressive grease lubrication systems
- Three operation modes (time, counter and progressive cycle controlled)
- Remote monitoring, control and setting using the SKF eLube App



Discover more on SKF.com

## P253 Smart

### Features and benefits:

- Powerful lubrication pump with up to three pump elements and a range of reservoir sizes
- For oil and grease applications
- Remote monitoring, control and setting using the SKF eLube App



Discover more on SKF.com



## SKF eLube app

Using the SKF eLube app allows users to determine lubricant levels and pump functions remotely. There is no need to stop the machine or physically access the pump to check lubricant levels, for instance. This can save time and also reduce the risk of accidents. Wireless access to pump information helps to spot problems – such as a blocked line or low lubricant levels – very quickly. Remedial action can then be taken immediately to avoid damage to the bearing.

### Features and benefits:

- Easy and intuitive setting of pump configuration
- Share settings via email and WhatsApp
- Clear visual indication of operational status
- Early warning of potential failures to take preventive action
- Log book functionality

### Available on:





40+  
LUBRICATION  
POINTS

# Tractor, the most agile workhorse

If you had to name one main machine for most agriculture applications, it would most probably be the tractor. With 58% of use in different agricultural production processes from ploughing to baling, the tractor is still the farmers' main workhorse. Lubrication practices play a critical role in keeping these machines running reliably. As lubrication is often seen as part of the maintenance work, it usually happens when the tractor is not in operation. But that is not the time when the tractor's bearings need fresh lubricant. Most reliable lubrication is done with automatic lubrication systems while the tractor is on the field. In addition it saves a lot of maintenance time and costs to automate lubrication.

**Tractor components that require reliable lubrication:**

- Suspended front axle
- Rear axles bearings
- Tie rods and ball joints
- Hydraulic cylinders and pumps
- Track systems and articulation

# Tractor lubrication solutions



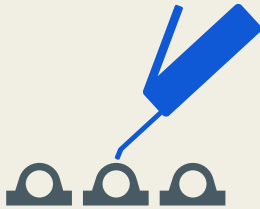
## Lubricants

Product name Description

**LGGB 2** KPE 2K-40 biodegradable grease  
**LGTE 2** KPE2G-40 biodegradable grease  
**LFFM 100** PAO general purpose food grade chain oil



SKF Lincoln Offer



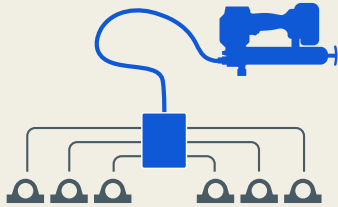
## Manual lubrication

Product name Description

**LAGN 120** grease fitting kit (120 conical fittings)  
**TLGH 1** manual grease gun  
**1077600** manual grease gun  
**1077600H** manual grease gun with flexible hose  
**1077600/SET** complete manual grease gun set



SKF Lincoln Offer



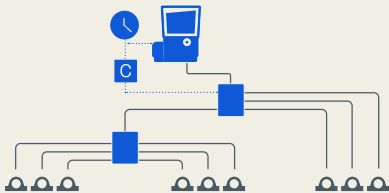
## Semi-automatic lubrication

Product name Description

**LAGN 120** grease fitting kit (120 conical fittings)  
**TLGB 1886-E** battery driven manual grease gun  
**SSV** progressive metering device  
**SSVD** adjustable progressive metering device  
**H** customized and prefilled high-pressure hose  
**T** customized and prefilled plastic tube



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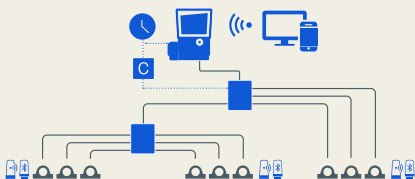
## Automatic lubrication system components

Product name Description

**AECP** automatic electric cartridge pump  
**CLP** electrically driven compact grease pump  
**SSV** progressive metering device  
**SSVD** adjustable progressive metering device



SKF Lincoln Offer



## Connected automatic lubrication system components

Product name Description

**CLP Smart** electrically driven connected grease pump  
**P253 Smart** electrically driven connected grease/oil pump  
**SSV** progressive metering device  
**SSVD** adjustable progressive metering device



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60+  
LUBRICATION  
POINTS

# The world of tractor implements and trailers

A good tractor would be nothing without its attachments and trailers. It is because of these attachments that a tractor is that flexible. Lubrication is also necessary here when the attachments or trailers are used. Even though many of the extensions are moth-balled all year round, waiting to be used, when they are needed, they have to work. Reliable lubrication is essential for this. Fully automatic lubrication for the trailer is just as helpful as semi-automatic lubrication for the attachments or vice versa. Both solutions ultimately save time and maintenance costs. Choose which one suits best for you.

## Implements and trailer components that require reliable lubrication:

- Wheel hubs and axle shafts
- Suspension components like leaf springs, shackles and bushings
- Coupler, pivot points, pins and hinges
- Brake cams, pivot points and linkage
- Chain-driven mechanisms

# Implements and trailers lubrication solutions



## Lubricants

Product name Description

<b>LGGB 2</b>	KPE 2K-40 biodegradable grease
<b>LGTE 2</b>	KPE2G-40 biodegradable grease
<b>LFFM 100</b>	PAO general purpose food grade chain oil



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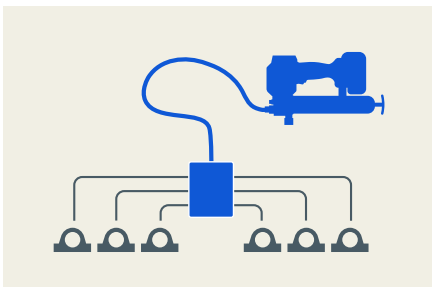
## Manual lubrication

Product name Description

<b>TLGB 1886-E</b>	20V Li-ion PowerLuber, 1 battery pistol-grip grease gun
<b>1134</b>	lever-action grease gun
<b>1142</b>	lever-action grease gun
<b>1154</b>	dual-output lever-action grease gun



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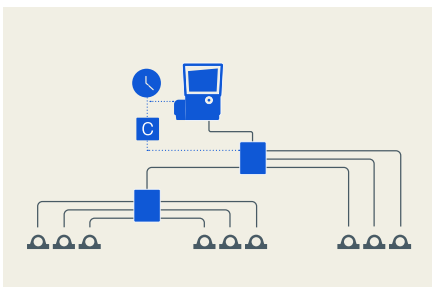
## Semi-automatic lubrication

Product name Description

<b>LAGN 120</b>	grease fitting kit (120 conical fittings)
<b>TLGB 1886-E</b>	20V Li-ion PowerLuber, 1 battery
<b>SSV</b>	progressive metering device
<b>SSVD</b>	adjustable progressive metering device
<b>H</b>	customized and prefilled high-pressure hose
<b>T</b>	customized and prefilled plastic tube



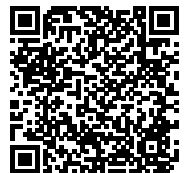
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## Automatic lubrication system components

Product name Description

<b>AECP</b>	automatic electric cartridge pump
<b>CLP</b>	electrically driven compact grease pump
<b>P203</b>	electrically driven oil/grease pump
<b>SSV</b>	progressive metering device
<b>OCL-M</b>	mechanically driven oil chain lubrication



SKF Lincoln Offer



35+  
LUBRICATION  
POINTS

# Combine harvester, the technical prodigy

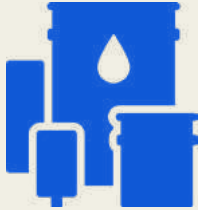
Combine, also called combine harvesters, are complex machines that both cut and thresh grains and certain other crops. The expert knows that you must adjust the cutting system precisely to reduce grain losses. Just as important is the correct lubrication of all bearings, bushings and chains. Only when all of the machine components fit together perfectly and operate with well-managed friction these machines work reliably. Automatic lubrication systems help to achieve this goal easily.

**Combine harvester components that require reliable lubrication:**

- Axles and wheel bearings
- Hydraulic cylinders and pumps
- Cutting and threshing components
- Rotor, augers and conveyor bearings and bushings
- Chain drives for the grain elevators



# Combine harvester lubrication solutions



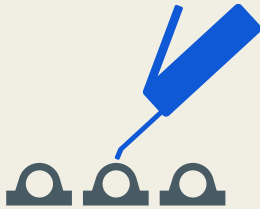
## Lubricants

Product name Description

<b>LGGB 2</b>	KPE 2K-40 biodegradable grease
<b>LGTE 2</b>	KPE2G-40 biodegradable grease
<b>LFFM 100</b>	PAO general purpose food grade chain oil



SKF Lincoln Offer



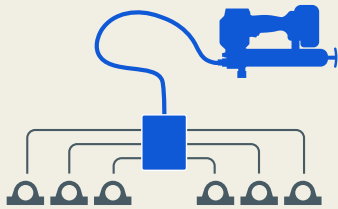
## Manual lubrication

Product name Description

<b>TLGB 1886-E</b>	20V Li-ion PowerLuber, 1 battery
<b>1134</b>	pistol-grip grease gun
<b>1142</b>	lever-action grease gun
<b>1154</b>	dual-output lever-action grease gun



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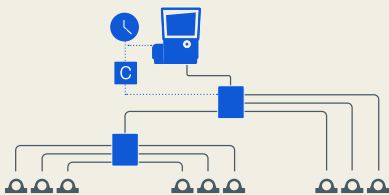
## Semi-automatic lubrication

Product name Description

<b>LAGN 120</b>	grease fitting kit (120 conical fittings)
<b>TLGB 1886-E</b>	20V Li-ion PowerLuber, 1 battery
<b>SSVD</b>	adjustable progressive metering device
<b>H</b>	customized and prefilled high-pressure hose
<b>T</b>	customized and prefilled plastic tube



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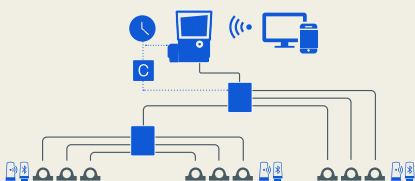
## Automatic lubrication system components

Product name Description

<b>P203</b>	electrically driven grease pump
<b>SSVD</b>	adjustable progressive metering device
<b>OCL-M</b>	mechanically driven oil chain lubrication kit



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## Connected automatic lubrication system components

Product name Description

<b>P253 Smart</b>	electrically driven connected grease/oil pump
<b>SSVD</b>	adjustable progressive metering device



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80+  
LUBRICATION  
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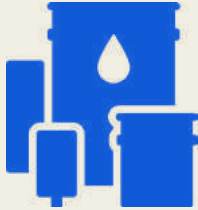
# Special harvesting machines – exotics with a big impact

Special harvesting machines such as grape harvesters, sugar cane and cotton harvesters, potato and root crop harvesters, and olive harvesters are exotics. Even if the designs of these machines vary a lot the need for reliable lubrication is something all of these applications have in common. In addition, they require similar lubrication solutions as well. Soil, dirt and dust come hand in hand with the harvesting process. These are poison for the service life of bearings, chains and bushings. That is a problem but it can be solved by good maintenance and reliable lubrication.

## Special harvester components that require reliable lubrication:

- Axles and wheel bearings
- Blades and cutting elements
- Augers and conveyor chains
- Picking table chains

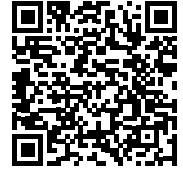
# Special harvester lubrication solutions



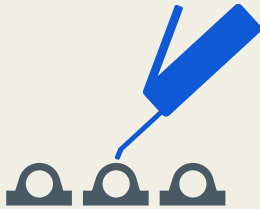
## Lubricants

Product name Description

<b>LGGB 2</b>	KPE 2K-40 biodegradable grease
<b>LGTE 2</b>	KPE2G-40 biodegradable grease
<b>LFFM 100</b>	PAO general purpose food grade chain oil



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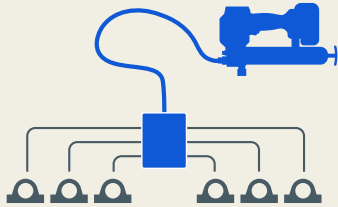
## Manual lubrication

Product name Description

<b>TLGB 1886-E</b>	20V Li-ion PowerLuber, 1 battery
<b>1134</b>	pistol-grip grease gun
<b>1142</b>	lever-action grease gun
<b>1154</b>	dual-output lever-action grease gun



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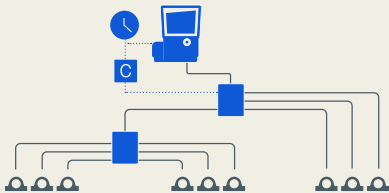
## Semi-automatic lubrication

Product name Description

<b>LAGN 120</b>	grease fitting kit (120 conical fittings)
<b>TLGB 1886-E</b>	20V Li-ion PowerLuber, 1 battery
<b>SSV</b>	progresssive metering device
<b>SSVD</b>	adjustable progresssive metering device
<b>H</b>	customized and prefilled high-pressure hose
<b>T</b>	customized and prefilled plastic tube



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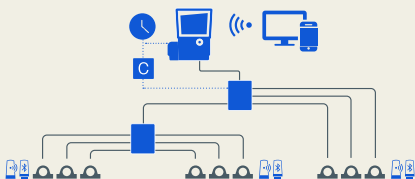
## Automatic lubrication system components

Product name Description

<b>P203</b>	electrically driven oil/grease pump
<b>SSV</b>	progresssive metering device
<b>SSVD</b>	adjustable progresssive metering device
<b>OCL-M</b>	mechanically driven oil chain lubrication kit



SKF Lincoln Offer



## Connected automatic lubrication system components

Product name Description

<b>P253 Smart</b>	electrically driven connected oil/grease pumps
<b>SSV</b>	progresssive metering device
<b>SSVD</b>	adjustable progresssive metering device



SKF Lincoln Offer



30+  
LUBRICATION  
POINTS

# Round and squared balers – a class of its own

Even if the actual harvest has already been harvested, the work doesn't stop there. The cattle need the straw from the field for the winter. It's good that there are machines that make this work much easier - the balers. In order to function properly again after a long break in the season, a reliable lubrication system is essential in addition to good maintenance. We offer you lubrication solutions that were developed precisely for these machines.

**Special harvester components that require reliable lubrication:**

- Axles and wheel bearings
- Chain drives including the pickup, plunger, and knotter systems
- Rollers and guide rails
- Pivot points and hinges

# Baler lubrication solutions



## Lubricants

Product name Description

<b>LGGB 2</b>	KPE 2K-40 biodegradable grease
<b>LGTE 2</b>	KPE2G-40 biodegradable grease
<b>LFFM 100</b>	PAO general purpose food grade chain oil



SKF Lincoln Offer



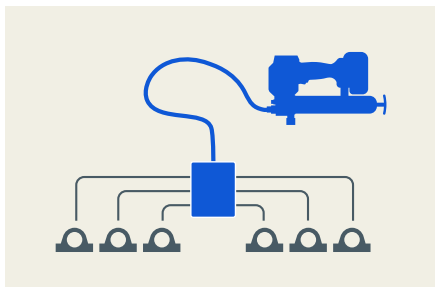
## Manual lubrication

Product name Description

<b>TLGB 1886-E</b>	20V Li-ion PowerLuber, 1 battery
<b>1134</b>	Pistol-grip grease gun
<b>1142</b>	Lever-action grease gun
<b>1154</b>	Dual-output lever-action grease gun



SKF Lincoln Offer



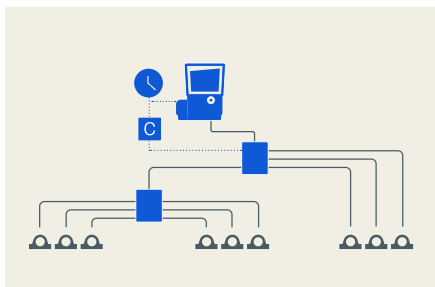
## Semi-automatic lubrication

Product name Description

<b>LAGN 120</b>	grease fitting kit (120 conical fittings)
<b>TLGB 1886-E</b>	20V Li-ion PowerLuber, 1 battery
<b>SSV</b>	progressive metering device
<b>SSVD</b>	adjustable progressive metering device
<b>H</b>	customized and prefilled high-pressure hose
<b>T</b>	customized and prefilled plastic tube



SKF Lincoln Offer



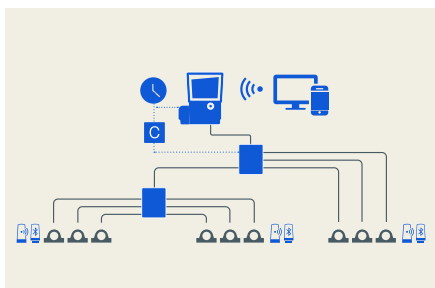
## Automatic lubrication system components

Product name Description

<b>AACP</b>	automatic electric cartridge pump
<b>CLP</b>	electrically driven compact grease pump
<b>P203</b>	electrically driven oil/grease pump
<b>SSV</b>	progressive metering device
<b>OCL-M</b>	mechanically driven oil chain lubrication kit



SKF Lincoln Offer



## Connected automatic lubrication system components

Product name Description

<b>CLP Smart</b>	electrically driven connected grease pumps
<b>P253 Smart</b>	electrically driven connected oil/grease pump
<b>SSVD</b>	adjustable progressive metering device



SKF Lincoln Offer



60+  
LUBRICATION  
POINTS

# Sprayer and slurry tankers – as growing needs support

Every plant growth process removes nutrients from the arable soil, which are transported away with the crop. To ensure that the soil does not become impoverished and plant growth is further inhibited, the extracted nutrients must be replaced through fertilization - a process that has a significant impact on subsequent yields and can be carried out much more quickly with functioning machines. How nice if you can save additional time on maintaining these machines. Automatic lubrication systems replace manual lubrication and are virtually maintenance-free.

**Sprayer and slurry tanker components that require reliable lubrication:**

- Axles and wheel bearings
- Drive shafts and universal joints
- Boom pivot points
- Pump bearings

# Sprayer and slurry tanker lubrication solutions



## Lubricants

Product name Description

<b>LGGB 2</b>	KPE 2K-40 biodegradable grease
<b>LGTE 2</b>	KPE2G-40 biodegradable grease
<b>LFFM 100</b>	PAO general purpose food grade chain oil



SKF Lincoln Offer



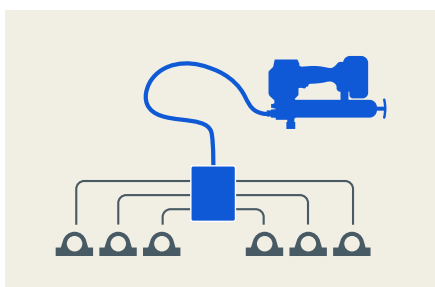
## Manual lubrication

Product name Description

<b>TLGB 1886-E</b>	20V Li-ion PowerLuber, 1 battery
<b>1134</b>	pistol-grip grease gun
<b>1142</b>	lever-action grease gun
<b>1154</b>	dual-output lever-action grease gun



SKF Lincoln Offer



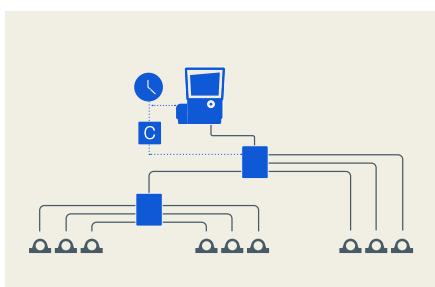
## Semi-automatic lubrication

Product name Description

<b>LAGN 120</b>	grease fitting kit (120 conical fittings)
<b>TLGB 1886-E</b>	20V Li-ion PowerLuber, 1 battery
<b>SSV</b>	progressive metering device
<b>SSVD</b>	adjustable progressive metering device
<b>H</b>	customized and prefilled high-pressure hose
<b>T</b>	customized and prefilled plastic tube



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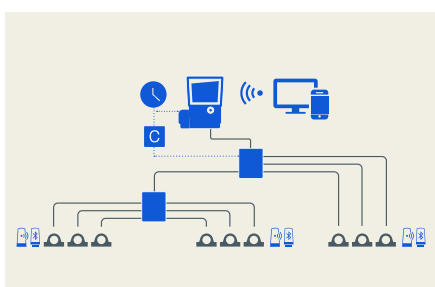
## Automatic lubrication system components

Product name Description

<b>CLP</b>	electrically driven compact grease pump
<b>P203</b>	electrically driven oil/grease pump
<b>SSV</b>	progressive metering device



SKF Lincoln Offer



## Connected automatic lubrication system components

Product name Description

<b>CLP Smart</b>	electrically driven connected grease pumps
<b>P253 Smart</b>	electrically driven connected oil/grease pumps
<b>SSV</b>	progressive metering device
<b>SSVD</b>	adjustable progressive metering device



SKF Lincoln Offer



# Garage and field service – the support needed in case something should break

Experienced service technicians know and appreciate the advantages of reliable tools. What counts here is that a solution has proven itself in practice. SKF and Lincoln tools and equipment products for agriculture and for equipping service teams in this industry are reliable and allow very efficient work.

## **A wide portfolio is waiting to be discovered by you:**

- Greases and chain oils in various containers
- Grease nipples, couplings and fittings
- High-pressure hoses, pipes and plastic tubes
- Hose reels for varying lengths and diameters
- Manual and battery driven grease guns
- Refilling and lubricant barrel pumps



# Selected garage and field service lubrication solutions

## Mobile grease pumps

A full range of manual and air-operated grease pumps are designed to empty standard 18, 50 or 180 kg (39, 110 or 400 lb) lubricating grease drums. Can be connected directly on the greasing points, also suitable for centralised lubricating grease systems. Tested and approved for SKF lubricating greases. Easy to install and ready for use since pumps are supplied with all necessary items including tubing.

### Features and benefits:

- Full range; pumps available for 18, 50 or 180 kg (39, 110 or 400 lb) lubricating grease drums
- High pressure; maximum of 50 MPa (7 250 psi)
- Easy to install; all necessary items as well as 3 500 mm (137.8 in.) of tubing are included



Discover more on SKF.com

## Ultrasound lubrication checker

Designed for maintenance technicians, the TLGU 10 uses ultrasonic technology to improve manual re-lubrication. When connected to a grease gun, the intuitive device helps a technician to dispense the correct amount of lubricant into a bearing. By overcoming the problems associated with over- or under-lubrication, it can help to extend bearing life. The device is recommended for a range of bearing applications including electric motors, pumps, fans, compressors and conveyors.

### Features and benefits:

- Easy to use - The TLGU 10 is supplied as a kit. Combining sound with visual displays helps the technician to re-lubricate with maximum accuracy.
- Saves cost - the added accuracy improves the reliability of a customer's assets.



Discover more on SKF.com

# Become a trained lubrication manager

## Lubrication training

Lubrication should be considered a skilled job and treated as such. That is why SKF offers dealers and end customers a range of different online and classroom training courses to better disseminate knowledge of friction management and lubrication technology and to introduce the latest trends and solutions.

In addition to basic courses on lubrication systems, we are also happy to offer training on special topics such as lubricant selection, storage, transfer, applications and lubricant preparation.

Contact us!

As an introduction to the topic, we are pleased to offer best-practice videos and tutorials for lubrication products on our webpage. Have a look!



Best practices!

# Discover the benefits of lubrication management

Lubrication management plays a vital role in the reliability and efficiency of machinery and equipment. It is a proactive maintenance strategy that, when executed correctly, can help prevent breakdowns, reduce downtime, lower maintenance costs, and extend the lifespan of equipment. It involves the systematic application and control of lubricants to reduce friction, heat, and wear between moving parts, ultimately extending the life of equipment and ensuring its optimal performance.

With a thought-through lubrication management approach, we can organize resources properly, improve reliability effectively, reduce inefficiencies and costs and increase safety and environmental compliance.

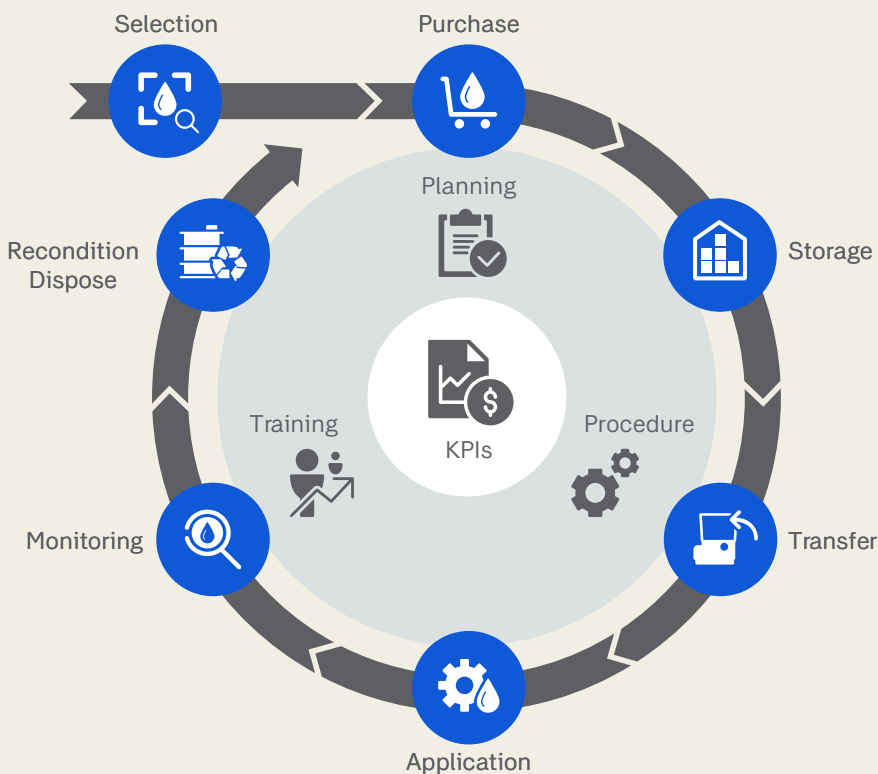
To better understand this complex topic, we recommend following the lubricant through its lifetime.

This is what we call the lubricant lifecycle. Discover lubrication insights on our website.



Lubrication Management

## The lubricant lifecycle



[skf.com](https://skf.com) | [skf.com/lubrication](https://skf.com/lubrication)

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