

SKF lubrication solutions for rails and railway vehicles

Increase vehicle and rail service life while reducing noise emissions

UP TO

50%

RE-PROFILING AND
RE-GRINDING COST
SAVINGS POSSIBLE





Lubrication solutions for rails and railway vehicles



Discover more on SKF.com

Did you know?

SKF Lincoln lubrication systems contribute to sustainable operations by helping to reduce diesel locomotive fuel consumption by 5-8%.

In railway operations, rail conditioners and lubricants amount to less than 1% of running costs. But 20–30% of maintenance costs come from poor lubrication. What makes it even more challenging is that the two friction partners, wheel and rail, are often organizationally separate from each other or belong to different companies. 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 railway operation and vehicle maintenance.

Failure to properly lubricate can have a negative impact on schedules, maintenance costs, vehicle and rail service life and performance.

Automatic lubrication reduces friction, wear and noise, to support your rails and vehicles to be in service when needed. In addition, the precise metering of automatic lubrication systems help to reduce energy consumption of vehicles and general operational and lubricant costs. That means increase reliability and availability for operators. Also, reducing manual lubrication results in fewer potential accidents, and maintenance and service teams can be utilized for other tasks.

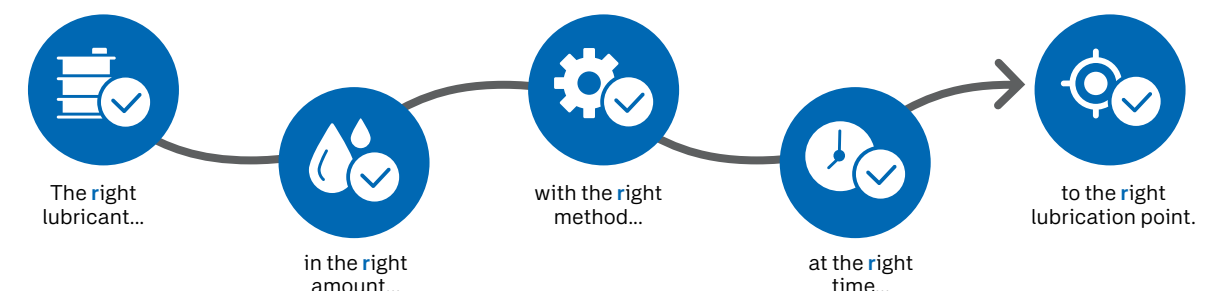
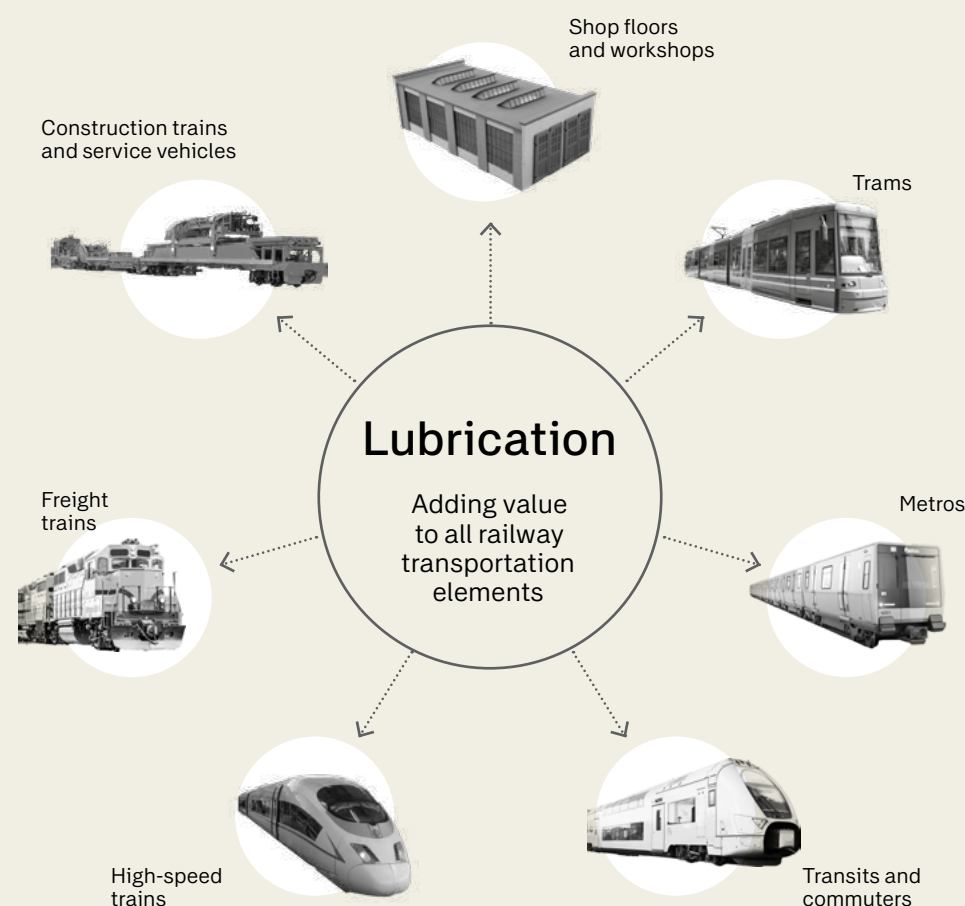
This brochure will help you to get an overview of SKF Lincoln lubrication solutions for railway vehicle and track applications. Of course, it can only represent a selection of solutions. For further information, please contact us or visit our website: skf.com/easyrail

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Value added by lubrication

Wear is a significant challenge in railway operations, particularly at the wheel-rail contact in curves. Additionally, a noise known as curve squealing, caused by the stick-slip effect on the top of the rail (TOR), can occur. Lubricating the wheel-rail contact helps trains and trams navigate curves more smoothly, reducing noise emissions and wear. When visiting customers, we regularly find that knowledge about the possibilities and advantages of professional wheel-rail contact lubrication is rarely complete.



It starts with smart and digital track monitoring

Digital noise maps

Digital noise mapping offers significant advantages for identifying noisy curves and determining the need for lubrication. By capturing and analysing noise events generated by the wheel-rail contact, it allows for the selection and implementation of countermeasures such as lubrication.

This proactive approach helps increase acceptance of rail and tram systems where noise is a dominant concern and frequent cause of complaints.

Simultaneously, lubrication reduces maintenance costs and extends the lifespan of railway components such as wheels and rails.

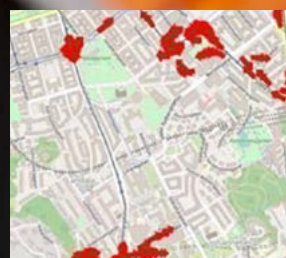
Additionally, digital noise mapping enhances the efficiency of maintenance schedules when combined with SKF's track and boogie monitoring solutions.

Installing appropriate sensors on railway vehicles is essential for efficiently detecting surface defects in the wheel-rail contact that lead to wear and noise.

Ultimately, it is also an effective way to monitor success and provide feedback to stakeholders.



Discover more on SKF.com



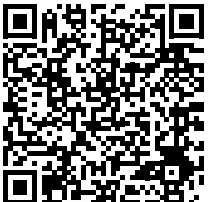
Recommended and market proven solutions

IMx-Rail

Remote monitoring solution for increased reliability in railway applications. SKF Multilog On-line System IMx-Rail is a multi-channel online condition monitoring system designed to monitor railway assets such as wheel-set bearings, wheels, gearboxes and traction motors. IMx-Rail is railway certified and can be mounted on the boogie level or inside the train, according to customer preferences.

Features and benefits:

- 16 analogue inputs (typically vibration, but up to 8 directly connected noise or temperature sensors)
- 4 digital inputs (speed)
- Simultaneous measurements on all channels



Discover more on SKF.com

Railway and vehicle lubrication review

Based on the results of the digital noise measurement and the resulting noise map, our experts find the ideal lubrication solutions for the track and for rail vehicles.

Features and benefits:

- Noise event reduction
- Improved operational safety
- Reduced wear and tear
- Extended service life
- Enhanced efficiency
- Improved availability



Automatic wayside lubrication systems



WIPER System

This system was designed for the lubrication of rail gauge faces in curves on mainlines. The wheel sensor in the track counts the wheels and is connected to the controller in the pump station. Once the desired number of wheels has been counted, the controller activates the pump until 12 grease bubbles on the wiper bar are sufficiently large. The wheels running over the bar pick up the grease and carry it to the upcoming curve to lubricate the gauge faces.

SKF offer

- WiperBar applicator
- Wheel sensor
- Pump station
- Control and monitoring devices
- Fittings and accessories
- Installation, commissioning and service

Characteristics

- Easy to install
- Supplies grease to several, consecutive curves
- Minimized grease waste



R-Rail System

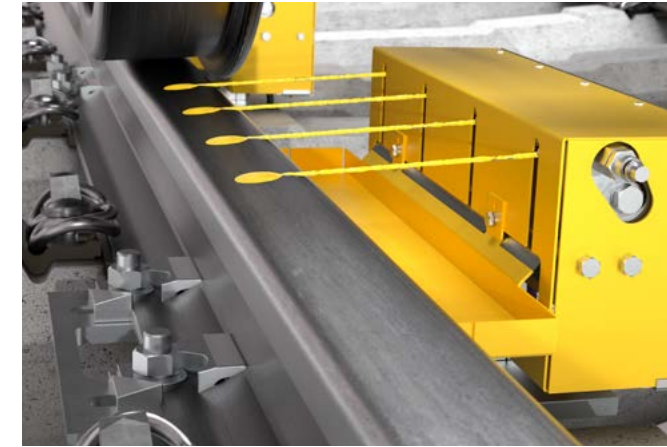
This system was developed for the lubrication of the additional guide rails in curves of metro systems. These restraining rails are used to distribute lateral forces in curves, meaning the back faces of the wheels on the inner curve rail come into contact with an additional rail, known as the restraining rail or third rail. This contact friction generates high noise emissions. SKF Lincoln's restraining rail lubrication system reduces both wear and noise emissions.

SKF offer

- Third Rail applicator
- Wheel sensor
- Pump station
- Control and monitoring devices
- Fittings and accessories
- Installation, commissioning and service

Characteristics

- Easy to install and retrofit
- Reduces wear and noise emission



SLID System

This system was developed for the top of rail conditioning in curves of mainlines. The wheel sensor in the track counts the wheels and is connected to the controller in the pump station. Once the desired number of wheels has been counted, the pump activates and supplies the injection devices with lubricant until a certain pressure level is reached. Each SLID device meters the incoming lubricant and dispenses a precise amount to the top of rail (TOR) or the gauge corner for the next approaching train.

SKF offer

- SLID applicator
- Wheel sensor
- Pumping station
- Control and monitoring devices
- Fittings and accessories
- Installation, commissioning and service

Characteristics

- Precise lubrication with greases or friction modifiers
- Large ambient temperature range
- Minimized lubricant waste



TOR System

This system was designed for the top of rail conditioning in curves on freight lines. The wheel sensor in the track counts the wheels and is connected to the controller in the pump station. Once the desired number of wheels has been counted, the controller activates the pump until a specific amount of friction modifier is dispensed. The wheels running over the bar pick up the friction modifier and distribute it along the top of the rail.

SKF offer

- TOR Bar applicator
- Wheel sensor
- Pump station
- Control and monitoring devices
- Fittings and accessories
- Installation, commissioning and service

Characteristics

- Easy to install
- Bar with integrated suspension

Automatic wayside lubrication systems



The preferred method for applying lubricants is through drilled lubricant channels in the rails. However, this approach requires customer approval in consultation with local traffic authorities. With this solution, lubricants or friction modifiers are metered to the lubrication point via high-pressure hoses. The number and placement of these channels are determined on-site to ensure effective contact between the wheel flanges and the lubricant.

SL System

This system was developed for the lubrication or top of rail conditioning in curves on tramways which **are not** embedded in the street and which **do not** share the road with other vehicles. The advantage of this technology is the minimal dosage per cycle. The amount of lubricant leaving the drilled hole creates little lubricant pearls that can be nearly 100% taken up by the wheel flanges.

SKF offer

- Wheel and vibration sensor
- Metering devices (single-line type)
- Pumping station (above-ground and underground)
- Control and monitoring devices and fittings and accessories
- Installation, commissioning and service incl. drilling operation by dedicated drill rigs

Characteristics

- Easy to install and retrofit, easy system changes (extension or reduction)
- Very precise lubricant metering

PRO System

This system was developed for the lubrication or top of rail conditioning in curves on tramways which **are** embedded in the street, and which share the road with other vehicles. It is a good solution for regions with very cold winters or for applications where precise timing of the lubrication process is crucial. The main advantage is the very fast response time. The dosage is slightly higher compared to the SL system.

SKF offer

- Wheel and vibration sensor
- Pumping station, rail boxes
- Metering devices (progressive type)
- Control and monitoring devices
- Fittings and accessories
- Installation, commissioning and service incl. drilling operation by dedicated drill rigs

Characteristics

- Easy to install and retrofit
- Large ambient temperature range
- Very quick response time

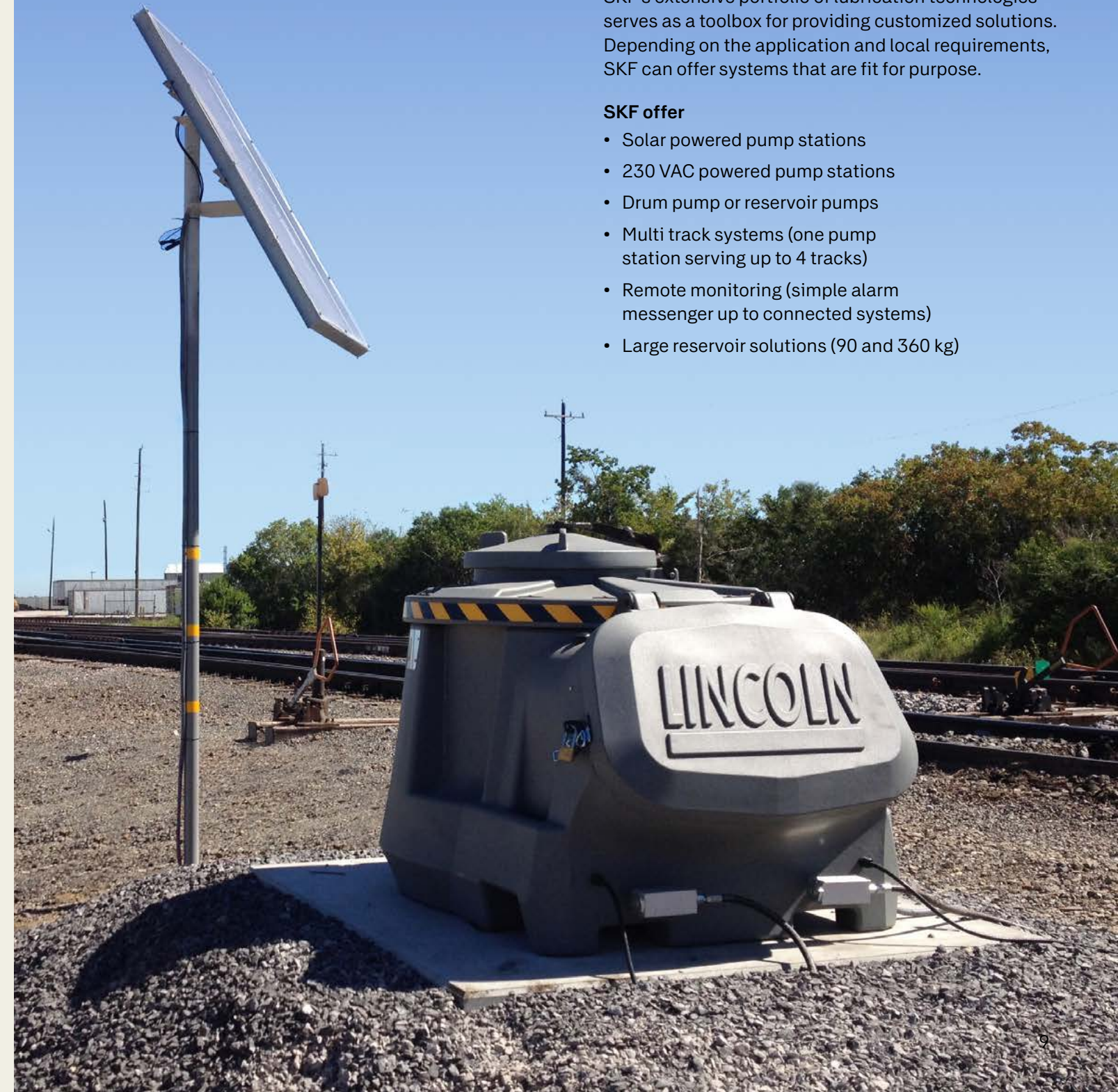
Customized wayside lubrication systems

Customized Solutions

SKF's extensive portfolio of lubrication technologies serves as a toolbox for providing customized solutions. Depending on the application and local requirements, SKF can offer systems that are fit for purpose.

SKF offer

- Solar powered pump stations
- 230 VAC powered pump stations
- Drum pump or reservoir pumps
- Multi track systems (one pump station serving up to 4 tracks)
- Remote monitoring (simple alarm messenger up to connected systems)
- Large reservoir solutions (90 and 360 kg)



Automatic on-board lubrication systems



SKF EasyRail Compact

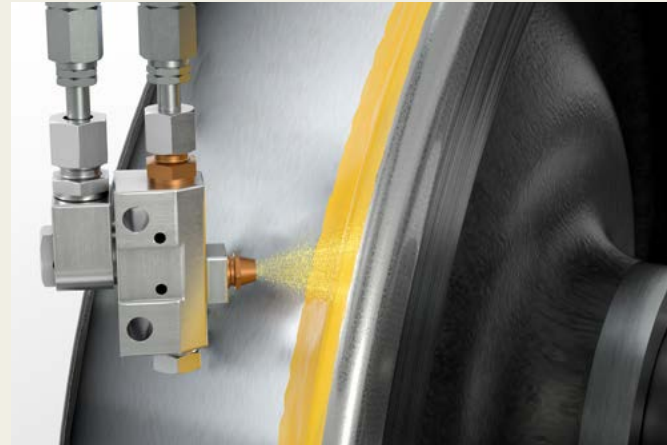
The oil-air technology behind this type of system is the most popular solution on the market. The dosage is pre-set at the pump, and compressed air serves as the transport medium. The lubricant travels through the pipe system to the spraying nozzles.

SKF offer

- Spray nozzles
- Lubricant reservoirs (customized sizes and shapes, typically with two pumps)
- Pneumatic valves
- Fittings and accessories
- Control Units

Characteristics

- Cost efficient solution
- Low installation cost (one line to the nozzles)
- Acceptable spraying pattern variations
- Spraying frequency - cycle time: 8-12 s
- Dosage (designed into pump): 100 mm³



SKF EasyRail Low Pressure

Instead of a pump, this system features an air-pressurized reservoir. Consequently, the grease line to the nozzles is always under pressure. (Depending on the available air pressure). The lubricant is metered directly inside the spray nozzle and expelled by compressed air.

SKF offer

- Spray nozzles
- Lubricant reservoirs (4.5 or 6 litres)
- Pneumatic valves
- Fittings and accessories
- Control Units

Characteristics

- Nozzle with integrated dosage chamber (30 mm³)
- Very high spraying frequency (cycle time: 1–2 s)
- No spraying pattern variations/ high repeatability
- Cost efficient solution - no pump is required (LCC-optimized)
- Not suitable for lubricants with solid particles



SKF EasyRail High Pressure

This technology utilizes a pneumatic pump capable of applying high pressure levels up to 100 bar if needed. It is particularly useful in applications with long grease lines or multiple connected nozzles. The system can withstand harsh environments, including extreme temperatures, dust, snow, and ice. The lubricant is metered directly inside the spray nozzle and expelled by compressed air.

SKF offer

- Spray nozzles
- Lubricant reservoirs (customized sizes and shapes with high pressure pump)
- Pneumatic valves
- Grease valve
- Fittings and accessories
- Control Units

Characteristics

- Nozzle with integrated dosage chamber (30 mm³)
- High spraying frequency (cycle time: 2-3 s)
- No spraying pattern variations / high repeatability
- Suitable for lubricants with solid particles
- Reliable at low temperatures
- Lubricants with good pressure stability required



SKF EasyRail Airless

Instead of using compressed air and spray nozzles, this technology requires only electricity (24 VDC). Small electromagnetic pumps at the wheels squirt tiny drops of grease onto the wheel flanges. These pumps are supplied by a simple reservoir pump that stores and mixes the lubricant.

SKF offer

- Electromagnetic pumps with customized double nozzle designs
- Reservoir pumps of different sizes
- Fittings and accessories
- Control Units

Characteristics

- No air pressure required
- Can handle lubricants with solid particles
- Ring line concept avoids separation of solid particles
- Reliable at low temperatures due to integrated heaters
- Precise dosage: 30 mm³ per shot and nozzle
- Train speed limited to 60 km/h when squirting (depending on the lubricant)



Lubrication solutions for trams and tracks

Reducing noise emissions and wear in city trams is crucial for enhancing urban living conditions and ensuring the longevity of tram infrastructure. Excessive noise can be disruptive to residents and passengers, while wear on tram components can lead to increased maintenance costs and service interruptions. On-board lubrication systems play a vital role in addressing these issues by automatically applying lubricants to critical parts, such as wheel flanges and rails. This not only minimizes friction and wear but also significantly reduces noise levels, creating a quieter and more comfortable environment for city dwellers.

Tram and tram track elements that require reliable lubrication:

- Wheels and wheel flanges
- Traction motor bearings
- Slewing bearings
- Wheel bearings
- Track switches
- Grooved rails
- Curves

Lubrication solutions for trams



SKF EasyRail Airless on-board system components

Product name	Description
PER	Electrically operated pump incl. spray nozzles
KFG	Lubrication system pump unit
Controller	Control unit (customized)



SKF Lincoln Offer



SL system components

Product name	Description
KFG	Single-line system automatic pump unit
KFGL	Single-line system automatic pump unit incl. control unit
VR	Single-line metering device
SOLAR PANEL	Panel for 100% autonomous power supply



SKF Lincoln Offer



PRO system components

Product name	Description
P203	Progressive system automatic pump unit
P653M	Progressive system automatic pump unit
SSVT	Progressive metering device (railway design)
SSVD	Progressive metering device (adjustable)
SOLAR PANEL	Panel for 100% autonomous power supply



SKF Lincoln Offer



Lubrication solutions for metros and tracks

Metro vehicle and track lubrication systems are essential for maintaining the efficiency and longevity of operations. These systems reduce friction between the wheels and tracks, minimizing wear and tear, and lowering maintenance costs. On-board lubrication systems are installed directly on the vehicles, ensuring consistent application of lubricants during operation. In contrast, wayside lubrication systems are positioned along the tracks, providing targeted lubrication at critical points. Together, these systems enhance the performance and reliability of metro services, contributing to smoother rides and reduced noise levels.

Metro and track elements that require reliable lubrication:

- Wheels and wheel flanges
- Buffer plates & couplings
- Traction motor bearings
- Slewing bearings
- Wheel bearings
- Track switches
- Restraining rails
- Curves

Lubrication solutions for metros



SKF EasyRail Low Pressure on-board system components

Product name	Description
SP9	Spray nozzle
BF	Lubricant reservoir (4,5 – 6 l)
Air valve	Solenoid valves
LCG3	Control unit incl. curve sensor



SKF Lincoln Offer



SKF EasyRail Compact on-board system components

Product name	Description
Nozzle	Spray nozzle (customized)
MP	Lubricant pump
Reservoir	Lubricant reservoir (customized)
Air valve	Solenoid valves
LCG3	Control unit incl. curve sensor



SKF Lincoln Offer



R-Rail system components

Product name	Description
Rail applicator	Third Rail applicator
P203	Progressive system automatic pump unit
P653M	Progressive system automatic pump unit
Flowmaster	Progressive system automatic barrel pump
SOLAR PANEL	Panel for 100% autonomous power supply



SKF Lincoln Offer

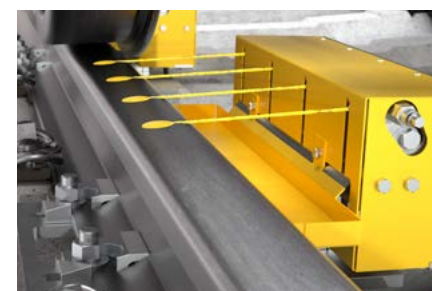


WIPER wayside system components

Product name	Description
WIPER BAR	Wiper bar unit
Rail Clamp Kit	Rail clamp kit incl. fittings and accessories
P203	Progressive system automatic pump unit
P653M	Progressive system automatic pump unit
Flowmaster	Progressive system automatic barrel pump
SOLAR PANEL	Panel for 100% autonomous power supply



SKF Lincoln Offer



SLID system components

Product name	Description
SLID	Slid lubricant applicator
P653M	Progressive system automatic pump unit
SOLAR PANEL	Panel for 100% autonomous power supply



SKF Lincoln Offer



Lubrication solutions for transits and commuters

Commuter and transit train lubrication is essential for maintaining the efficiency and longevity of rail systems. This process involves reducing friction between the train wheels and the tracks, which minimizes wear and tear, noise, and energy consumption. There are two primary lubrication methods: on-board and wayside systems. On-board lubrication systems are installed directly on the trains and apply lubricant to the wheels as needed, ensuring consistent performance across various track conditions. Wayside lubrication systems, on the other hand, are fixed installations along the tracks that apply lubricant to the rails at strategic points, such as curves and gradients.

Commuter and transit train and track elements that require reliable lubrication:

- Wheels and wheel flanges
- Buffer plates & couplings
- Traction motor bearings
- Slewing bearings
- Wheel bearings
- Track switches
- Restraining rails
- Curves

Lubrication solutions for transits



SKF EasyRail Low Pressure on-board system components

Product name	Description
SP9	Spray nozzle
BF	Lubricant reservoir (4,5 – 6 l)
Air valve	Solenoid valves
LCG3	Control unit incl. curve sensor



SKF Lincoln Offer



SKF EasyRail Compact on-board system components

Product name	Description
Nozzle	Spray nozzle (customized)
MP	Lubricant pump
Reservoir	Lubricant reservoir (customized)
Air valve	Solenoid valves
LCG3	Control unit incl. curve sensor



SKF Lincoln Offer



SKF EasyRail High Pressure on-board system components

Product name	Description
SP8	Spray nozzle
PF100	Lubricant pump
Air valve	Solenoid valves
LCG3	Control unit incl. curve sensor



SKF Lincoln Offer

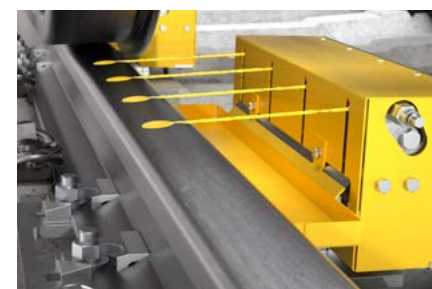


WIPER wayside system components

Product name	Description
WIPER BAR	Wiper bar unit
Rail Clamp Kit	Rail clamp kit incl. fittings and accessories
P203	Progressive system automatic pump unit
P653M	Progressive system automatic pump unit
Flowmaster	Progressive system automatic barrel pump
SOLAR PANEL	Panel for 100% autonomous power supply



SKF Lincoln Offer



SLID system components

Product name	Description
SLID	Slid lubricant applicator
P653M	Progressive system automatic pump unit
SOLAR PANEL	Panel for 100% autonomous power supply



SKF Lincoln Offer



Lubrication solutions for high-speed trains

Train lubrication is essential, particularly for high-speed rail systems, to ensure smooth and efficient operations. At high speeds, the friction between wheels and rails increases, leading to accelerated wear and potential safety risks. On-board lubrication systems address this by automatically applying lubricants to critical components, reducing friction and wear. This not only extends the lifespan of tracks and wheels but also enhances safety and performance. By maintaining optimal lubrication, these systems help minimize maintenance costs and noise levels, ensuring a reliable and comfortable high-speed rail service.

High-speed train and track elements that require reliable lubrication:

- Wheels and wheel flanges
- Buffer plates & couplings
- Traction motor bearings
- Slewing bearings
- Wheel bearings
- Track switches
- Restraining rails
- Curves

Lubrication solutions for high-speed trains



SKF EasyRail Low Pressure on-board system components

Product name	Description
SP9	Spray nozzle
BF	Lubricant reservoir (4,5 – 6 l)
Air valve	Solenoid valves
LCG3	Control unit incl. curve sensor



SKF Lincoln Offer



SKF EasyRail Compact on-board system components

Product name	Description
Nozzle	Spray nozzle (customized)
MP	Lubricant pump
Reservoir	Lubricant reservoir (customized)
Air valve	Solenoid valves
LCG3	Control unit incl. curve sensor



SKF Lincoln Offer



SKF EasyRail High Pressure on-board system components

Product name	Description
SP8	Spray nozzle
PF100	Lubricant pump
Air valve	Solenoid valves
LCG3	Control unit incl. curve sensor



SKF Lincoln Offer

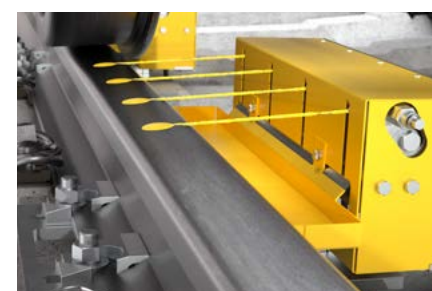


WIPER wayside system components

Product name	Description
WIPER BAR	Wiper bar unit
Rail Clamp Kit	Rail clamp kit incl. fittings and accessories
P203	Progressive system automatic pump unit
P653M	Progressive system automatic pump unit
Flowmaster	Progressive system automatic barrel pump
SOLAR PANEL	Panel for 100% autonomous power supply



SKF Lincoln Offer



SLID system components

Product name	Description
SLID	Slid lubricant applicator
P653M	Progressive system automatic pump unit
SOLAR PANEL	Panel for 100% autonomous power supply



SKF Lincoln Offer



Lubrication solutions for freight trains

Railway lubrication is essential for enhancing the efficiency and longevity of freight trains. On-board lubrication systems, installed directly on the train, provide continuous lubrication to the wheel flanges and rails, reducing friction and wear during transit. This not only extends the lifespan of the wheels and tracks but also improves fuel efficiency and reduces maintenance costs. On the other hand, wayside lubrication systems are fixed installations along the track that apply lubricant as trains pass by. These systems are particularly effective in high-traffic areas and curves, where friction is most intense. Both types of lubrication systems contribute to smoother operations and overall cost savings.

Freight train and track elements that require reliable lubrication:

- Wheels and wheel flanges
- Buffer plates & couplings
- Traction motor bearings
- Slewing bearings
- Wheel bearings
- Track switches
- Restraining rails
- Curves

Lubrication solutions for freight trains



SKF EasyRail Compact on-board system components

Product name	Description
Nozzle	Spray nozzle (customized)
MP	Lubricant pump
Reservoir	Lubricant reservoir (customized)
Air valve	Solenoid valves
LCG3	Control unit incl. curve sensor



SKF Lincoln Offer

SKF EasyRail High Pressure on-board system components

Product name	Description
SP8	Spray nozzle
PF100	Lubricant pump
Air valve	Solenoid valves
LCG3	Control unit incl. curve sensor



SKF Lincoln Offer

WIPER wayside system components

Product name	Description
WIPER BAR	Wiper bar unit
Rail Clamp Kit	Rail clamp kit incl. fittings and accessories
P203	Progressive system automatic pump unit
P653M	Progressive system automatic pump unit
Flowmaster	Progressive system automatic barrel pump
SOLAR PANEL	Panel for 100% autonomous power supply



SKF Lincoln Offer

Top of rail (TOR) system components

Product name	Description
TOR BAR	Top of rail bar
UV	Progressive metering device
SSVT	Progressive metering device (rail design)
SOLAR PANEL	Panel for 100% autonomous power supply



SKF Lincoln Offer



Lubrication solutions for construction trains and service vehicles

Wheel and wheel flange lubrication is essential for service and construction railway vehicles to ensure smooth and efficient operation. It reduces friction between the wheel flanges and the rail, minimizing wear and tear on both components. This not only extends the lifespan of the wheels and tracks but also enhances safety by preventing derailments caused by excessive flange wear. Additionally, proper lubrication helps in reducing noise levels and energy consumption, contributing to a more sustainable and cost-effective railway system.

Service train components that require reliable lubrication:

- Wheels and wheel flanges
- Buffer plates & couplings
- Rail tamping mechanisms
- Automation systems
- Conveyor systems
- Cranes

Lubrication solutions for construction trains



SKF EasyRail Low Pressure on-board system components

Product name	Description
SP9	Spray nozzle
BF	Lubricant reservoir (4,5 – 6 l)
Air valve	Solenoid valves
LCG3	Control unit incl. curve sensor



SKF Lincoln Offer



SKF EasyRail Compact on-board system components

Product name	Description
Nozzle	Spray nozzle (customized)
MP	Lubricant pump
Reservoir	Lubricant reservoir (customized)
Air valve	Solenoid valves
LCG3	Control unit incl. curve sensor



SKF Lincoln Offer



General automatic lubrication system components

Product name	Description
CLP	Electrically driven compact grease pump
P203	Electrically driven grease pump
KFG	Electrically driven grease pump
SSV	Progressive metering device
SSVD	Adjustable progressive metering device
VPK	Sectional progressive metering device
H	Customized and prefilled high-pressure hose



SKF Lincoln Offer



Lubrication solutions for shop floors, workshops and field service teams

Experienced service technicians know and appreciate the advantages of reliable tools. What counts here is that solutions have been proven in practice. SKF and Lincoln tools and equipment products for railways, railway vehicles 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:

- Lubrication greases and chain oils
- High-pressure hoses, pipes and plastic tubes
- Hose reels for varying lengths and diameters
- Stationary systems for greasing and filling
- Manual and battery driven grease guns
- Grease nipples, couplings and fittings
- Refilling and lubricant barrel pumps
- Automatic lubrication systems

Selected shop floor and field service lubrication solutions

Powerluber TLGB 20

Developed for maximum efficiency, the Battery-driven grease gun TLGB 20 includes an integrated grease meter to help prevent over- and under-lubrication. This unique tool features a durable, ergonomic design with a three-point stand for operator comfort and convenience and a lithium-ion battery for longer life.

Features and benefits:

- Integrated grease meter tracks dispensed grease
- Battery charge display indicates lithium battery charge level
- Three-point stand keeps grease gun upright for easy handling
- LED light illuminates work area to help locate grease fittings in dimly lit environments



Discover more on SKF.com

Mobile grease pumps LAGG 18AE

A full range of manual and air-operated grease pumps are designed to empty standard 18, 50 or 180 kg (39, 110 or 400 lbs) 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 lbs) 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

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.

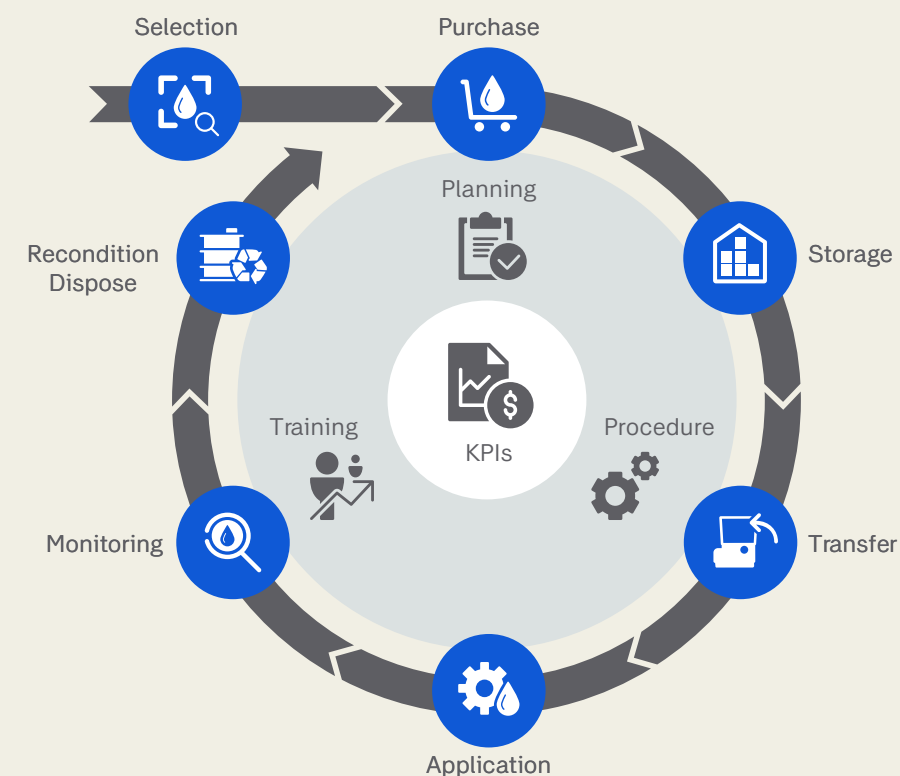
With a thought-through lubrication management approach, we can organize resources properly, improve reliability effectively, reduce inefficiencies and costs and increase safety and environmental compliance.

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

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



Lubrication Management



skf.com | skf.com/lubrication | skf.com/easyrail

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