

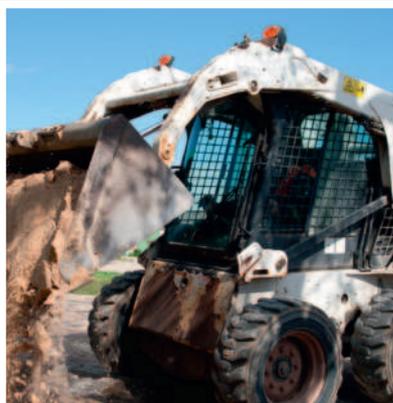
SKF Lincoln Automatic electric cartridge pump series AECF

Where a tube will do

Compact pump for use in small progressive lubrication systems



AUTOMATIC
LUBRICATION
MADE EASY



Free up time for things that really matter

Starting the day by manually lubricating your machine means that it takes at least 30 minutes before you can start production. When lubricating manually, they can easily overlook lubrication points and grease too much or too little.

Failure to lubricate every lubrication point, on every machine, every day,

can negatively affect schedules, maintenance costs, and on-time performance. When rock dust, dirt, sand and water are allowed to work their way into components, a “grinding compound” forms that can reduce bearing life substantially. The time pressure on operators is high, and the schedules are tough.

All this can cause unplanned downtime and reduced productivity, resulting in increased cost and time for repairing or replacing components.

Automatic lubrication made easy

The new Lincoln Automatic electric cartridge pump (AECF) combines the best of manual and automatic lubrication.

The AECF 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 AECF is very robust and withstands harsh working environments and working conditions.

Paired with SSV progressive metering devices, the AECF is the heart of a simple to operate automatic lubrication system. All lubrication points are supplied reliably when the machine is running. The tube capacity is sufficient for at least one machine working day.

The built-in low-level sensor provides an early warning to replace the cartridge. If more advanced monitoring options are required, the AECF can be operated with a controller.

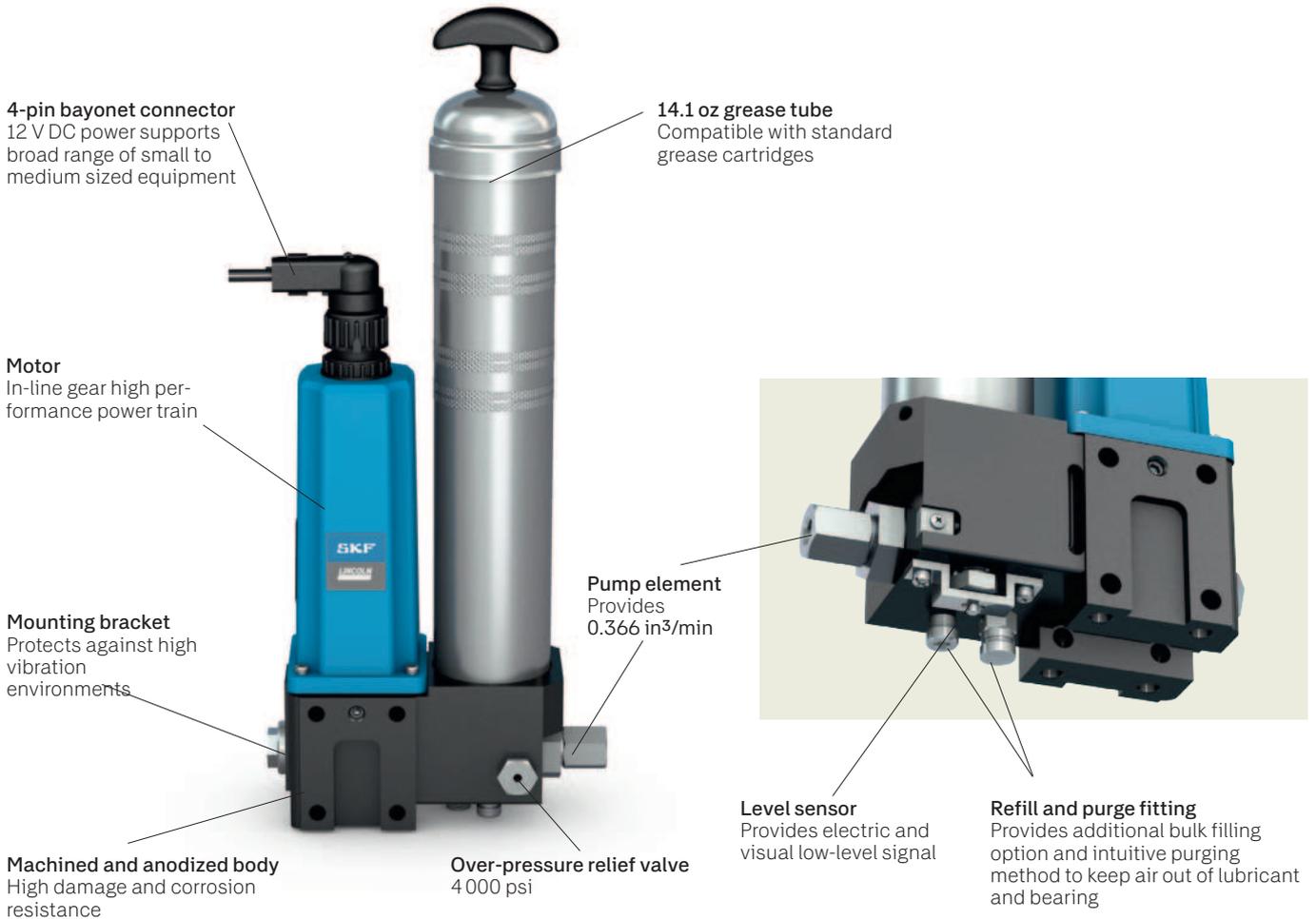
Benefits:

- Increases equipment availability and reliability
- Simplifies machine maintenance
- Lowers maintenance and spare part cost
- Easy to retrofit
- Cartridges allow for a wide range of lubricants
- Compact footprint fits into tight spaces
- Robust design withstands harsh working environment
- Ideal for small machine applications with, where a tube can do:
 - Dozers and loaders
 - Farm machinery like balers
 - Municipal equipment

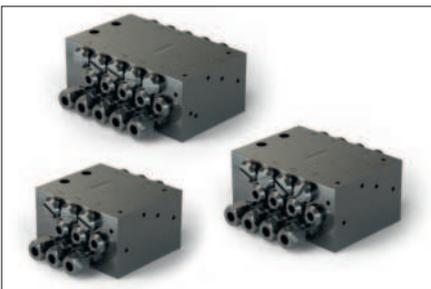
Ideal for applications where a tube can do



The Lincoln Automatic Electric Cartridge Pump in detail



A perfect match



SSV type metering devices perfectly complete the AECP to build a small progressive lubrication system. It is a versatile and easy-to-adjust metering device available in many variants regarding the type of monitoring or surface treatment.

Find more information on skf.com
→ [Lincoln SSV](#)



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 right lubricants for use with the AECP.

The greases are available in standard 420 ml cartridges.

Find more information on skf.com:
General purpose NLGI 2 grease
→ [SKF LGMT 2](#)
High load, extreme pressure grease
→ [SKF LGEP 2](#)
General purpose, high load grease
→ [SKF LGNL 2](#)
Biodegradable grease
→ [SKF LGGB 2](#)

How to order

Part number	Description
90010-00	AECP pump, 12 V DC
280521	Mounting bracket
LGMT 2/0.4	General purpose grease 420 ml cartridge
LGEP 2/0.4	High load, extreme pressure grease 420 ml cartridge
LGNL 2/0.4	General purpose, high load grease 420 ml cartridge
LGGB 2/0.4	Biodegradable grease 420 ml cartridge

Specifications

Function principle	Electrically operated pump	
Lubricants	Greases: NLGI 1 and 2	
Cartridge volume	Standard 14.1 oz	420 ml
Working pressure	3 600 psi	248 bar
Back pressure	800–1 000 psi	55–69 bar
Operating temperature	–40 to +150 °F	–40 to +65 °C
Number of pump elements	1	
Lubricant output	0.366 in ³ /min	6 cm ³ /min
IP-protection class	IP 6K9K	
Voltage	12 V DC	
Operating current	10 or 20 A	
Outlet connection	G ¹ / ₄	
Mounting position	Any	
Dimensions	16×7.5×3.5 in	406×190×89 mm
Weight (empty)	4.6 lb	2.08 kg

skf.com/lubrication | skf.com/us/AECP | skf.com/ssv

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PUB LS/P2 19452 EN · February 2024

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