

SKF

RELIABLE LUBRICATION FIT FOR THE FUTURE

Progressive lubrication pump series
PLP

AVAILABLE END OF **2026**



LINCOLN



Robust pumps with connected performance options for progressive lubrication systems

The Lincoln Progressive Lubrication Pump PLP is a smart, modular lubrication pump designed for reliability and flexibility. It supports a wide range of applications with customizable reservoir sizes and control options.

Built to withstand tough environments, it offers advanced monitoring, easy integration into existing systems, and future-ready connectivity—making it ideal for efficient, automated lubrication in both industrial and mobile settings.

Benefits at a glance:

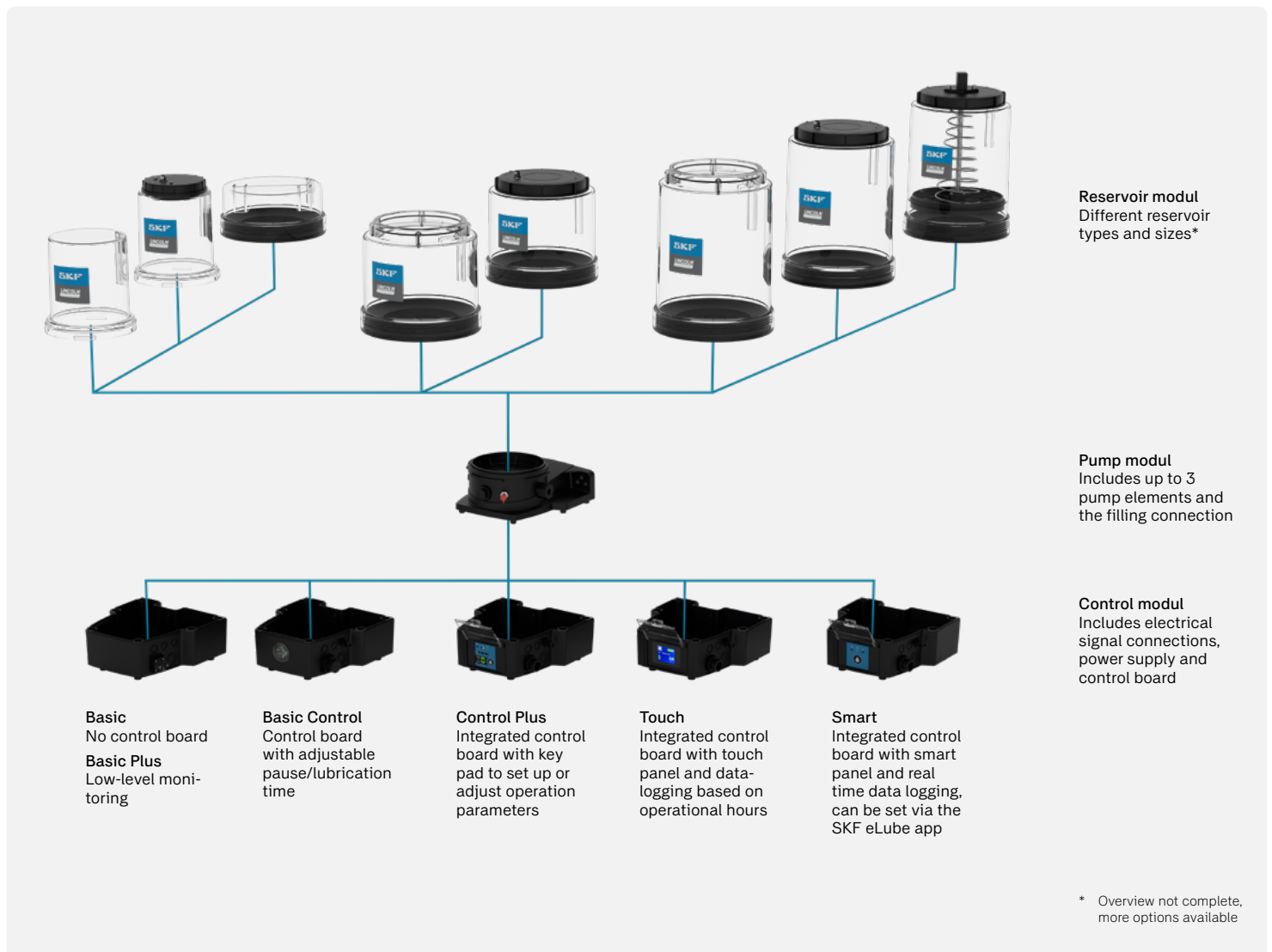
- **Proven reliability:**
Built on decades of experience, the PLP pump delivers consistent performance in demanding environments.
- **Modular flexibility:**
Supports up to three pump elements, allowing tailored configurations for different system sizes and needs.
- **Smart monitoring:**
Offers intuitive connectivity options for real-time status updates and diagnostics.
- **User-friendly design:**
Easy to install, operate, and maintain—reducing downtime and service costs.
- **Versatile applications:**
Ideal for both mobile machinery and industrial setups, ensuring broad market relevance.
- **Future-ready:**
Designed to integrate with digital platforms and support predictive maintenance strategies.

The flexible concept makes it easy to find the best configuration for the application



The design is based on a flexible concept, making it easy to find the best configuration for the application. Users can choose reservoir sizes from 2 up to 20 liters. Different interfaces cover a range of possible connectivity options, from a well-known basic control to an intuitive touch panel or smart versions that can be set and controlled using the SKF eLube app. Both, the Touch and the Smart version come with a data logging option.

The new Lincoln progressive lubrication pump series will replace the Lincoln P203 as well as the SKF KFG pump families over the next few years. It leaves the main dimensions, mounting patterns and electrical connections unchanged to make the transition as smooth as possible.



Connectivity and performance fit for the application

The new SKF Lincoln PLP pumps extend the SKF eLube portfolio of next-generation lubrication systems. Designed for industrial and mobile applications, these compact, easy-to-integrate pumps offer smart, automated lubrication with advanced connectivity.

From basic control to wireless access via the SKF eLube app, PLP variants enable predictive maintenance, reduce downtime, and enhance safety.

Control Plus, Touch and Smart variants provide need-based lubrication for any application by offering three operation modes (time, counter and progressive cycle controlled).

The advanced Touch and Smart versions feature an integrated datalogger that records performance and failure logs, enabling users to verify proper lubrication. The datalogger also simplifies refill planning by providing a prewarning signal and estimating remaining time to refill based on usage.

Features at a glance:

- **Flexible connectivity:**
Multiple electrical connection options, including bayonet, square and M12x1 plugs, make integration seamless across mobile and industrial setups.
- **User-centric interface:**
From basic models to smart versions with touch panels and app-based control, the PLP adapts to your preferred way of working.
- **Continuous grease flow:**
Thanks to its integrated stirring paddle and impeller, the PLP ensures a steady and reliable lubricant supply.
- **Smart reservoir design:**
With built-in deairing/venting and a low-level indicator, it maintains optimal performance and prevents dry runs.
- **Customizable output:**
Choose from up to three pump elements, each capable of delivering up to 4.4 cm³/min—tailored to your system's needs.

PLP in detail



1. **Stirring paddle and impeller**
To ensure continuous grease flow
2. **Reservoir deairing/venting**
3. **Integrated low-level indicator**
4. **Standard pump element 6**
Provides up to 4.4 cm³ of lubricant per minute
5. **Optional pump elements**
Mounting options for max. 3 pump elements
6. **Filling connection**
With standard filling nipple
7. **Electrical connections with different plug types***
Bayonet plug for mobile or square plug for industrial use, and M12x1 plug for signal outlet/input
8. **Additional electrical connection positions at the bottom**
9. **User interface***
With a transparent protection cover

* Depending on model

Control features



	Basic Control	Control Plus	Touch	Smart
Operation mode	Time controlled	Time controlled ²⁾ Counter controlled ²⁾ Cycle controlled ³⁾	Time controlled ²⁾ Counter controlled ²⁾ Cycle controlled ³⁾	Time controlled ²⁾ Counter controlled ²⁾ Cycle controlled ³⁾
Output	General error output signal	General error output signal Individual 2nd output signal ¹⁾	General error output signal	General error output signal
Additional lubrication	YES	YES	YES	YES
Low-level monitoring	YES	YES	YES	YES
Cycle monitoring	–	1 cycle switch	1 cycle switches	1 cycle switches
HMI	Rotary switches	Control panel	Touch panel	SKF eLube app
Datalogger	–	–	Data logging based on operational hours	Real time data logging

- 1) On request
 2) With / without piston monitoring
 3) Piston monitoring required

Technical data

Function principle	Electrically operated piston pump	
Lubricants	Lubrication oils with operating viscosity of >40 mm ² /s Greases: up to NLGI 2	
Max. counter pressure ³⁾	350 bar	5 076 psi
Operating temperature ⁴⁾	–40 to +70 °C	–40 to +158 °F
Usable reservoir volume ²⁾	2 to 20 l	0.53 to 5.28 gal
Number of outlets	max. 3	
Lubricant output ¹⁾	0.8 to 4.4 cm ³ /min	0.048 to 0.27 in ³ /min
Outlet connection	M22×1.5 or G¼	
IP-protection class ⁵⁾	IP69 (DIN EN 60529) / IP6K9K (ISO 20653)	
Corrosion class	C3	
Voltages ²⁾	12V DC, 24V DC, 110-240V AC	
Working mode ⁴⁾	S3 25 ED 120 min	
Nominal rpm	20/min, ccw	

- 1) Depending on pump element
 2) Depending on model
 3) Limited by external pressure limiting valve
 4) See the manual for more details
 5) Depending on electrical connection


















Pre-defined models make ordering easy and improve availability

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The easiest and fastest way to order the new PLP pumps is to choose a pre-defined package. By ordering a pre-defined, standard model, you get a fully equipped pump specifically configured for mobile or industrial use. These packages meet all standard requirements of these applications.



PLP grease versions for mobile applications

Reservoir capacity		2 l without lid		4 l with lid		8 l with lid	
Control version		PLP Basic		PLP Basic		PLP Basic	
Voltage	12V DC	PLP-EGS2X1-0000018		PLP-EGS2X1-0000018		– *	
	24V DC	PLP-EGS2X2-0000003		PLP-EGS2X2-0000003		PLP-EGS2X2-0000003	
Control version		PLP Basic Plus ¹⁾		PLP Basic Plus ¹⁾		PLP Basic Plus ¹⁾	
Voltage	12V DC	PLP-EGS2X1-0000023		– *		– *	
	24V DC	PLP-EGS2X2-0000006		PLP-EGS2X2-0000006		PLP-EGS2X2-0000006	
Control version		PLP Basic Control ²⁾		PLP Basic Control ²⁾		PLP Basic Control ²⁾	
Voltage	12V DC	PLP-EGS2V1-0000031		– *		– *	
	24V DC	PLP-EGS2V2-0000008		PLP-EGS2V2-0000008		PLP-EGS2V2-0000008	
Control version		PLP Control Plus ^{1) 3)}		PLP Control Plus ^{1) 3)}		PLP Control Plus ^{1) 3)}	
Voltage	12V DC	PLP-EGS2M1-0000039		– *		– *	
	24V DC	PLP-EGS2M2-0000010		PLP-EGS2M2-0000010		PLP-EGS2M2-0000010	
Control version		PLP Touch ^{1) 3)}		PLP Touch ^{1) 3)}		PLP Touch ^{1) 3)}	
Voltage	12V DC	– *		– *		– *	
	24V DC	PLP-EGS2T2-0000012		PLP-EGS2T2-0000012		PLP-EGS2T2-0000012	
Control version		PLP Smart ^{1) 3)}		PLP Smart ^{1) 3)}		PLP Smart ^{1) 3)}	
Voltage	12V DC	– *		– *		– *	
	24V DC	PLP-EGS2B2-0000014		PLP-EGS2B2-0000014		PLP-EGS2B2-0000014	

All PLP versions for mobile applications come with:

- E1 type approval according to ECE regulations
- 1 or 2 bayonet plugs on the left
- 1 pump element 6 (3.2 cm³/min) on the right
- Stirring paddle and impeller
- Reservoir venting
- Filling nipple on the front
- Without grease filling

Version specific features:

- 1) Integrated low-level indicator (normally closed)
- 2) Integrated low-level indicator (normally open)
- 3) Monitoring of one piston detector

* Configuration only available on request

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PLP grease versions for industrial applications

Reservoir capacity		2 l without lid		4 l with lid		8 l with lid	
Control version		PLP Basic		PLP Basic		PLP Basic	
Voltage	24V DC	PLP-XGS2X2-0000019		PLP-XGL4X2-0000021		PLP-XGL8X2-0000022	
	230V AC	– *		– *		– *	
Control version		PLP Basic Plus ¹⁾		PLP Basic Plus ¹⁾		PLP Basic Plus ¹⁾	
Voltage	24V DC	PLP-XGS2X2-0000024		PLP-XGL4X2-0000026		PLP-XGL8X2-0000029	
	230V AC	PLP-XGS2XA-0000007		PLP-XGL4XA-0000027		PLP-XGL8XA-0000030	
Control version		PLP Basic Control ²⁾		PLP Basic Control ²⁾		PLP Basic Control ²⁾	
Voltage	24V DC	PLP-XGS2V2-0000032		PLP-XGL4V2-0000034		PLP-XGL8V2-0000037	
	230V AC	PLP-XGS2VA-0000009		PLP-XGL4VA-0000035		PLP-XGL8VA-0000038	
Control version		PLP Control Plus ^{1) 3)}		PLP Control Plus ^{1) 3)}		PLP Control Plus ^{1) 3)}	
Voltage	24V DC	PLP-XGS2M2-0000040		PLP-XGL4M2-0000042		PLP-XGL8M2-0000045	
	230V AC	PLP-XGS2MA-0000011		PLP-XGL4MA-0000043		PLP-XGL8MA-0000046	
Control version		PLP Touch ^{1) 3)}		PLP Touch ^{1) 3)}		PLP Touch ^{1) 3)}	
Voltage	24V DC	PLP-XGS2T2-0000047		PLP-XGL4T2-0000049		PLP-XGL8T2-0000052	
	230V AC	PLP-XGS2TA-0000013		PLP-XGL4TA-0000050		PLP-XGL8TA-0000053	
Control version		PLP Smart ^{1) 3)}		PLP Smart ^{1) 3)}		PLP Smart ^{1) 3)}	
Voltage	24V DC	PLP-XGS2B2-0000054		PLP-XGL4B2-0000056		PLP-XGL8B2-0000059	
	230V AC	PLP-XGS2BA-0000015		PLP-XGL4BA-0000057		PLP-XGL8BA-0000060	

All PLP versions for industrial applications come with:

- Square plug on the left
- M12x1 plugs for signal outlet/input on the left
- 1 pump element 6 (3.2 cm³/min) on the right
- Stirring paddle and impeller
- Reservoir venting
- Filling nipple on the front
- Without grease filling

Version specific features:

- 1) Integrated low-level indicator (normally closed)
- 2) Integrated low-level indicator (normally open)
- 3) Monitoring of one piston detector

* Configuration only available on request

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