

# LINCOLN SLC SINGLE-LINE COMPACT METERING

For Construction Equipment



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## Automatic Lubrication Systems



Lubrication is a critical aspect in construction equipment reliability.

Yet for many operators, manual lubrication is becoming too much of a challenge. An automatic lubrication system (ALS) lubricates continuously while the machine is working. This increases efficiency as there is no need to stop machinery. Lubricating while the bearings are rotating also improves the distribution of lubricant. A small amount of lubricant remains flowing, keeping out contamination even when the machine is operating in a harsh environment.



SKF Lincoln P603S and P653S Centromatic pumps combined with SKF Lincoln SLC injectors offer a cost effective single-line lubrication solution for small to mid-sized construction machinery that is easy to install and maintain.

## SLC Single-line Compact Metering Device

Cost effective single-line lubrication

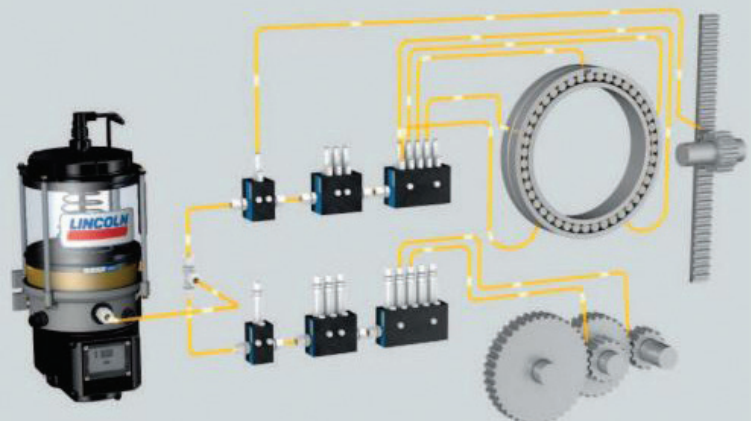
- Simple system layout
- Provides exact metering
- Offers increased flexibility
- Greases that tend to bleed can be delivered more reliably
- If one lubrication point fails, the system continues to operate



HIGH VENTING  
CAPABILITY

WIDE RANGE  
OF APPLICATIONS

DESIGNED  
FOR YOUR NEEDS



## Centromatic Lubrication Pump

The simple-to-install, all-in-one design of the SKF Lincoln P603S and P653S Centromatic pumps include a programmable controller, a pressure transducer and a vent valve. Pumps include low-level and system fault alarms for system monitoring. Simply mount the pump, connect the power and supply lines, and the system is ready for operation. An additional pressure switch at the end of larger systems can be used for added pressure control helping to ensure correct lubrication.



P603S

P653S

### Features & Benefits:

- Robust design
- Simple Maintenance
- Ease of installation
- Integrated pressure transducer & vent
- Visual low level
- Benefits of injector style systems

PART NUMBER	MODEL	OUT PUT	VOLTAGE	RESERVIOR	LOW LEVEL
02-645-41064-7	LINCOLN P603S	12 cm <sup>3</sup> /min (Max 20min per cycle)	12 VDC	4KG	—
02-645-41064-2			24 VDC	4KG	—
02-645-41064-4				4KG	•
02-645-41062-8			8KG	•	
01-080087	LINCOLN P653S	24 cm <sup>3</sup> /min (Max 12min per cycle)	24 VDC	4KG	•
01-080091				8KG	•
01-080122			24 VDC	15KG	•
01-080120				20KG	•

Note: Suitable for up to 48 SLC1 points, 27m of 3/8" supply hose and 27m of supply line to the furthest metering block.

## Metering Devices

The SKF Lincoln SLC metering device is designed for use in high-pressure single-line lubrication systems and features a modular design. Also, delivery volume can be adjusted via metering screws to ensure each lubrication point receives the required amount of lubricant.

### Features & Benefits:

- High venting capability (990psi)
- Wide delivery volume range
- Compact construction
- Easy to monitor, maintain and to clean
- Simplified failure analysis
- Reduced risk of leaks
- Reliable operation in harsh conditions with a wide operating temperature range
- Patented design and functionality



Metering Devices

PART NUMBER	MODEL	OUTLETS	OUTPUT PER CYCLE (CM <sup>3</sup> )
02-SLC1G3A-LXXXXX-XXB	LINCOLN SLC1-2 ASSY	2	0.7
02-SLC1G3A-LXXXXX-XXB	LINCOLN SLC1-4 ASSY	4	0.7
02-SLC1G3A-LXXXXX-XXB	LINCOLN SLC1-6 ASSY	6	0.7
02-SLC1G3A-LXXXXX-XXB	LINCOLN SLC1-8 ASSY	8	0.7
02-SLC1G3A-LXXXXX-XXB	LINCOLN SLC1-10 ASSY	10	0.7
02-SLC1G3A-LXXXXX-XXB	LINCOLN SLC1-12 ASSY	12	0.7

## Accessories:

- The nominated metering devices are supplied standard with 0.7cc metering screws, 3/8" BSP ports and 6mm tube outlets
- A range of metering screws are available for adjustment to suit specific bearing requirements
- Visual indicators and piston detectors are available for monitoring of opposite outlet pairs.

### Metering Screws

PART NUMBER	DESCRIPTION	OUTPUT (CM <sup>3</sup> ) <sup>(1)</sup>
02-554-85325-2	LINCOLN METERING SCREW "B"	0.1
02-554-85325-3	LINCOLN METERING SCREW "C"	0.15
02-554-85325-4	LINCOLN METERING SCREW "D"	0.2
02-554-85325-5	LINCOLN METERING SCREW "E"	0.25
02-554-85325-6	LINCOLN METERING SCREW "F"	0.3
02-554-85325-7	LINCOLN METERING SCREW "G"	0.4
02-554-85325-8	LINCOLN METERING SCREW "H"	0.5
02-554-85325-9	LINCOLN METERING SCREW "K"	0.6
02-554-85326-1	LINCOLN METERING SCREW "L"	0.7
02-554-85326-2	LINCOLN SET OF METERING SCREWS (2 X METERING SCREWS B-L)	—
02-554-85327-3	CLOSURE PLUG M10X1.0X4.5 OUTLET CROSSPORTING	—

<sup>(1)</sup> Metering screws allow fixed adjustment of opposite outlet pairs.



Metering Screws

### Adjusting Screw

PART NUMBER	DESCRIPTION	OUTPUT (CM <sup>3</sup> ) <sup>(2)</sup>
02-554-85325-1	ADJUSTING SCREW	0.1 - 0.7

<sup>(2)</sup> Adjusting screws allow variable adjustment of opposite outlet pairs.



Adjusting Screw

### Monitoring Options

PART NUMBER	DESCRIPTION
02-554-85326-3	VISUAL MEMORY INDICATOR
02-519-85224-1	ELECTRICAL PISTON DETECTOR



Visual Memory Indicator



Electrical Piston Detector