

Accessories, Lubricant Filters, Pressure Relief Unit



Compressed Air Block for 3 Nozzles



Lubricant Filter Unit



Pressure Relief Valve with Pressure Gauge

Models

Part No.	Description	
515-31224-1	bracket for nozzles Type SD	
515-31225-1	bracket for nozzles Type SDLH...	
615-25679-1	air block for 2 nozzles	air inlet: R 3/8 f (BSPT)
615-25680-1	air block for 3 nozzles	
615-25681-1	air block for 4 nozzles	air outlets: for 8 mm tube or hose stud
628-25530-4	lubricant filter unit with pressure gauge and 120 bar (1740 psi) pressure relief valve	
515-31252-2	pressure relief unit, 120 bar (1740 psi) with pressure gauge threaded connections: G1/4 female (BSPP)	

EOS Single-line Oil System

EOS is the reliable and most economical solution for the oil lubrication of chains. The system is a direct operating, electrically driven, single-line centralized lubrication system. The system is ideal for machines with chain drives and 12/24 VDC power supply - e.g. agricultural equipment such as balers. A typical industrial application is for packaging machine such as palletizers.



Single-line Oil System

The EOS metering elements supply the required oil quantity in time-controlled intervals to brushes which evenly apply the oil to the chain.

The required metered quantity of oil can be adjusted to properly match the working condition, the size and length of the chain. The metering range selection of 0.1, 0.3, 0.4 or 0.5 ccm provides versatility to ensure that requirements are met.

EOS Controller

For machines without a controller, e.g. balers in the agricultural industry, Lincoln offers a 12/24 VDC controller. The run time is fixed at 4 seconds and the pause time is adjustable from 1 to 100 minutes. The controller enables a simple retrofit installment of the EOS oil lubrication system.

EOS Single-line Oil Systems for the lubrication of Slow Moving Chains



Model

Part No.	Description	Motor
552-32404-1	Pump EOP-12	12 VDC
552-32405-1	Pump EOP-24	24 VDC
552-32397-1	Metering element EOE, complete. 0.1 cm ³	
552-32398-1	Metering element EOE, complete. 0.3 cm ³	
552-32399-1	Metering element EOE, complete. 0.4 cm ³	
552-32400-1	Metering element EOE, complete. 0.5 cm ³	
452-70235-1	Divider bar, double	
452-70236-1	Divider bar, triple	
452-70237-1	Divider bar, quadruple	
307-19543-1	Bracket for Divider bars	
112-35255-4	Tube, PA12 HL 8.0 x 1.0, black	
112-35255-3	Tube, PA12 HL 4.0 x 0.65, black	

Technical Data

Reservoir Size	5 l	
Dimensions (L x W x H)	180 x 205 x 302 mm	
Power supply	12 or 24 VDC	
Max. current	at 12 VDC = 5 A / at 24 VDC = 2.5 A	
Max. Operating pressure	approx 4 bar	
Theoretical output at 4 bar	0.5 l/min	
Operating temperature	0 to 40 °C	
Factory settinf*	max run time 4 sec with a pause of 30 sec	
Suitable oils**	mineral oil SAE OW-40	
EMV	acc. To DIN VDE 879/2: 1999 03 and acc. To EN ISO 14982: 1998	
Metering elements	Colour Ring	Output / stroke
	white	0.1 cm ³
	red	0.3 cm ³
	green	0.4 cm ³
	blue	0.5 cm ³

Note: Please verify applications involving parameter variances with Lincoln GmbH before commissioning.

* With an increase in the number of lube lines – the run time and the pause time of the electrically driven gear pump must be increased.

** The following oils may not be used in the EOS: used oil, gear oil, glucose oil and plant oil.

EOT Controller 12/24 VDC

Part No.	Description
12/24 VDC	Controller 12 VDC
-15/+20 %	Controller 24 VDC

See technical manual for details

Technical Data

Power supply	12/24 VDC
Tolerance	-15/+20 %
Power rating	max. 0,65 kW
Operating temperature	-20°C to 60°C