Accessories, Lubricant Filters, Pressure Relief Unit

Models

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>515-31224-1</td>
<td>bracket for nozzles Type SD</td>
</tr>
<tr>
<td>515-31225-1</td>
<td>bracket for nozzles Type SDLH...</td>
</tr>
<tr>
<td>615-25679-1</td>
<td>air block for 2 nozzles</td>
</tr>
<tr>
<td>615-25680-1</td>
<td>air block for 3 nozzles</td>
</tr>
<tr>
<td>615-25681-1</td>
<td>air block for 4 nozzles</td>
</tr>
<tr>
<td>628-25530-4</td>
<td>lubricant filter unit with pressure gauge and 120 bar (1740 psi) pressure relief valve</td>
</tr>
<tr>
<td>515-31252-2</td>
<td>pressure relief unit, 120 bar (1740 psi) with pressure gauge</td>
</tr>
</tbody>
</table>

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.

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

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Motor</th>
</tr>
</thead>
<tbody>
<tr>
<td>552-32404-1</td>
<td>Pump EOP-12</td>
<td>12 VDC</td>
</tr>
<tr>
<td>552-32405-1</td>
<td>Pump EOP-24</td>
<td>24 VDC</td>
</tr>
<tr>
<td>552-32397-1</td>
<td>Metering element EOE, complete. 0.1 cm³</td>
<td></td>
</tr>
<tr>
<td>552-32398-1</td>
<td>Metering element EOE, complete. 0.3 cm³</td>
<td></td>
</tr>
<tr>
<td>552-32399-1</td>
<td>Metering element EOE, complete. 0.4 cm³</td>
<td></td>
</tr>
<tr>
<td>552-32400-1</td>
<td>Metering element EOE, complete. 0.5 cm³</td>
<td></td>
</tr>
<tr>
<td>452-70235-1</td>
<td>Divider bar, double</td>
<td></td>
</tr>
<tr>
<td>452-70236-1</td>
<td>Divider bar, triple</td>
<td></td>
</tr>
<tr>
<td>452-70237-1</td>
<td>Divider bar, quadruple</td>
<td></td>
</tr>
<tr>
<td>307-19543-1</td>
<td>Bracket for Divider bars</td>
<td></td>
</tr>
<tr>
<td>112-35255-4</td>
<td>Tube, PA12 HL 8.0 x 1.0, black</td>
<td></td>
</tr>
<tr>
<td>112-35255-3</td>
<td>Tube, PA12 HL 4.0 x 0.65, black</td>
<td></td>
</tr>
</tbody>
</table>

Technical Data

<table>
<thead>
<tr>
<th>Reservoir Size</th>
<th>5 l</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions (L x W x H)</td>
<td>180 x 205 x 302 mm</td>
</tr>
<tr>
<td>Power supply</td>
<td>12 or 24 VDC</td>
</tr>
<tr>
<td>Max. current</td>
<td>at 12 VDC = 5 A / at 24 VDC = 2.5 A</td>
</tr>
<tr>
<td>Max. Operating pressure</td>
<td>approx 4 bar</td>
</tr>
<tr>
<td>Theoretical output at 4 bar</td>
<td>0.5 l/min</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>0 to 40 °C</td>
</tr>
<tr>
<td>Factory setting*</td>
<td>max run time 4 sec with a pause of 30 sec</td>
</tr>
<tr>
<td>EMV</td>
<td></td>
</tr>
<tr>
<td>Metering elements</td>
<td>Colour Ring</td>
</tr>
<tr>
<td>white</td>
<td></td>
</tr>
<tr>
<td>red</td>
<td></td>
</tr>
<tr>
<td>green</td>
<td></td>
</tr>
<tr>
<td>blue</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/24 VDC</td>
<td>Controller 12 VDC</td>
</tr>
<tr>
<td>-15/+20 %</td>
<td>Controller 24 VDC</td>
</tr>
</tbody>
</table>

See technical manual for details

Technical Data

<table>
<thead>
<tr>
<th>Power supply</th>
<th>12/24 VDC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tolerance</td>
<td>-15/+20 %</td>
</tr>
<tr>
<td>Power rating</td>
<td>max. 0.65 kW</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>-20°C to 60°C</td>
</tr>
</tbody>
</table>