Lubrication Equipment
-ZPU Pump-

INDICATION

ZPU Series Features:

- Designed for centralized lubrication system

- Tank volume of 40L or 630L

- Medium: NLGI 0# ~ 2# of American standard grease classification

- Mechanical level or ultrasonic level control for optional

- Testing standard HSJB Technology standard
Lubrication Grease Pump ZPU Series

Making Your Machine Most Effective

Characteristics of Product:

Lubrication pump ZPU is centralized lubrication pump is used for progressive or dual grease lubrication system where requires high lubricating frequency, large pipe length and max. operation pressure up to 400bar/40Mpa, as a device of lubricating grease supplying. Lubrication pump ZPU is available to equip with mobile cart, high pressure host, grease gun and electric wire to consists of movable centralized lubrication pump system, the ZPU pump with cart is often used for a progressive lubrication system which requires low lubricating frequency, little lubricating points, large volume of lubricating and easily mobile lubrication.

Lubrication pump ZPU is an electric grease pump driven by gear motor unit, discharge grease lubricant at single outlet port, there are grease displacement optional as per different lubricating requirement. The ZPU will be able to transfer the grease to longer lubricating point with small dimensions of lubricating pipe.

Ordering Code:

ZPU series of lubrication pump
Pump Displacement:
08 = 8 L/h
14 = 14 L/h
24 = 24 L/h
Pump Driven Type:
G = Mounted with flanged gear motor, construction IMB5;
C = Orbit reducer for 3-phase motor;
F = With free shaft end

Technical Data:

<table>
<thead>
<tr>
<th>Model</th>
<th>Max. pressure</th>
<th>Reservoir Capacity</th>
<th>Feeding Volume</th>
<th>Reducer Motor</th>
<th>Weight</th>
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</thead>
<tbody>
<tr>
<td>ZPU08</td>
<td>400bar/40Mpa</td>
<td>40L / 100L</td>
<td>135ml/min.</td>
<td>0.37Kw/380V</td>
<td>76Kgs</td>
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<tr>
<td>ZPU14</td>
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<td>235ml/min.</td>
<td>0.55Kw/380V</td>
<td>84Kgs</td>
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<td>ZPU24</td>
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<td>400ml/min.</td>
<td>1.10Kw/380V</td>
<td>92Kgs</td>
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</table>

Note Of Usage:

1. The ZPU pump should be installed in a suitable working position such as right ambient temperature, less dust, easy adjustment, inspection, maintenance, washable and easy grease filling in.
2. The ZPU pump is better installed in the center of lubricating system, in order to shorten the length of the pipe, maintain a minimum pressure drop, enable the ZPU pump generated enough pressure to overcome the backpressure from lubrication points.
3. Certain amount of grease should be filling in for first operation, enable the ZPU pump to run in a few minutes, then filling the grease in from inlet port by electrical motor pump.
4. Motor reducer of ZPU pump should be added with some Aluminum disulfide lubricant 3 # through vent plug, then the supplement in every four months.
5. The ZPU pump should be placed indoors, it must take protective measures for any outdoors or in harsh environment applications.
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Parts explanation:
1. An oil storage container;
2. Seat pump;
3. A piston pump with flange connection device;
4. Gear motor
5. Filler G3/4;
6. Return oil port G3/4;
7. Pressure regulator valve;
8. The oil port G3/4;
9. Filter;
10. One-way valve

<table>
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<tr>
<th>Code</th>
<th>40L</th>
<th>60L</th>
<th>100</th>
<th>0.55Kw 60rpm</th>
<th>0.7Kw 100pm</th>
<th>1.5Kw 180rpm</th>
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