POLIPUMP
YOUR OWN CENTRALISED LUBRICATION SYSTEM IN JUST A FEW QUICK STEPS

Easy set up, economical and powerful

www.ntn-snr.com

With You
Set up your own multipoint lubrication in only 4 steps

From 1 to 35 points to lubricate up to a distance of 20 metres

1. Choose the number and the type of pumping elements

   - **Red**: 1 notch - 0.02cc
   - **Yellow**: 3 notches - 0.04cc
   - **Grey**: 5 notches - 0.10cc
   - **Green**: 2 notches - 0.03cc
   - **Blue**: 4 notches - 0.08cc
   - **Black**: 6 notches - 0.13cc

2. Connect the pump to the power supply according to your application

   **IND** – Industrial application
   **NRUN** – For heavy duty vehicles (trucks, earth moving equipment...)

   - **12 VDC-IND**
     - 1 = 12VDC +
     - 2 = ALARM NO out
     - 3 = ALARM COM out
     - 4 = 12VDC –
   - **24 VDC-IND**
     - 1 = 24VDC +
     - 2 = ALARM NO out
     - 3 = ALARM COM out
     - 4 = 24VDC –
   - **12 VDC-NRUN**
     - 1 = 12VDC +
     - 2 = NRUn in
     - 3 = ALARM out
     - 4 = 12VDC –
   - **24 VDC-NRUN**
     - 1 = 24VDC +
     - 2 = NRUn in
     - 3 = ALARM out
     - 4 = 24VDC –

3. Method for filling the reservoir

   Solution 1 (recommended)
   Solution 2

CHARACTERISTICS

- **Pumps**
  - 3 pump models
    - 1 - 12 pumping elements
    - 1 - 24 pumping elements
    - 1 - 35 pumping elements
- **Power**
  - 12VDC or 24VDC
  - 12 timer settings
  - Only select 2 cyc/min for priming the hoses.

- **Grade of grease to be used**
  - NLGI00 to NLGI2* (For grease with silicone based additives, please contact us)
- **Protection**: IP65
- **Working temperature:**
  - -10°C to +60°C
- **Max pressure**
  - 80 bars (for maximum 12 pumping elements)
  - 50 bars (for maximum 24 pumping elements)
  - 30 bars (for maximum 35 pumping elements)

6 types of pumping element
2 litre reservoir
Set up the timer

- **Increase/Decrease** the frequency of lubrication cycle
- **Green LED** Displays the current lubrication cycle setting
- **Yellow LED** Indicates the keypad is unlocked
- **Lubrication interval** between every cycle
- **Greasing cycle** min/hour/day
- **Alarm** Motor overload protection
- **Alarm** Grease level low
- **Alarm** Power supply problem

Note: Possibility of blocked pipe or cycle time too long.
## 1) SELECTION OF THE PUMP

<table>
<thead>
<tr>
<th>DESIGNATION</th>
<th>SAP code</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLIPUMP-2KG-12 PUM-12VDC-IND._0888270</td>
<td>308492</td>
<td>12</td>
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<tr>
<td>POLIPUMP-2KG-24 PUM-12VDC-IND._0888271</td>
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<td>POLIPUMP-2KG-35 PUM-12VDC-IND._0888272</td>
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<td>POLIPUMP-2KG-12 PUM-24VDC-IND._0888273</td>
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<td>POLIPUMP-2KG-35 PUM-24VDC-IND._0888275</td>
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## 2) SELECTION OF PUMPING ELEMENTS

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<tr>
<td>PUMPING UNIT 0.02cc - RED_0888451</td>
<td>RED</td>
<td>308508</td>
<td>6*</td>
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<tr>
<td>PUMPING UNIT 0.03cc - GREEN_0888452</td>
<td>GREEN</td>
<td>308509</td>
<td>4*</td>
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<tr>
<td>PUMPING UNIT 0.04cc - YELLOW_0888453</td>
<td>YELLOW</td>
<td>308510</td>
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<tr>
<td>PUMPING UNIT 0.08cc - BLUE_0888454</td>
<td>BLUE</td>
<td>308511</td>
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<tr>
<td>PUMPING UNIT 0.10cc - GREY_0888455</td>
<td>GREY</td>
<td>308512</td>
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<tr>
<td>PUMPING UNIT 0.13cc - BLACK_0888456</td>
<td>BLACK</td>
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## 3) SELECTION OF CONNECTORS AND HOSE

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<th>DESIGNATION</th>
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<tr>
<td>TUBE-NYLON 6 4X2 BLACK-25M_5717258</td>
<td>310717</td>
<td>10*</td>
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<tr>
<td>TUBE-NYLON 6 4X2 BLACK-25M GREASE_5717259</td>
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## 4) GREASE AND GREASE FILLING KIT

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<tr>
<th>DESIGNATION</th>
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<tr>
<td>KIT CARTRIDGE GREASE FILLING_0888038</td>
<td>308475</td>
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<tr>
<td>FITTING 90° M22 x 1.5 - MF - 3077222 (for kit cartridge)</td>
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<tr>
<td>Lub Universal grease</td>
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<td>Lub Heavy duty grease</td>
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<td>Lub High Temp grease</td>
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<td>Lub VIB grease</td>
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<tr>
<td>Lub Food AL grease</td>
<td>297465</td>
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<tr>
<td>Lub Ultra High temp grease</td>
<td>248672</td>
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## 5) RESERVOIR EXTENSION

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<tr>
<td>Lubso tank segment_888116</td>
<td>326966</td>
<td>1*</td>
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### EXAMPLE OF APPLICATION

**Industry:** Food  
**Application:** Packing machine  
**Temperature:** 25°C  
**Used grease:** FOOD AL  
**Number of points to lubricate:**  
- 4 bearings 22210 5g (cc)/week  
- 6 bearings 22206 3.4g (cc)/week  
**Power supply:** 24 VDC  
**Further information:**  
- M6x1 push in fittings  
- distance: 1 bearing 22210 and 22206 up to 10 meters, others up to 3m  
- grease filling kit (cartridge kit + 1 cartridge)  

**PIECES TO ORDER:**  
- Pump: POLIPUMP 24 VDC 12 PUM  
- Pumping elements:  
  a) 5g/cc / week: 0.03cc with timer setting 24cycles/day**  
  b) 3g/cc / week: 0.02cc with timer setting 24cycles/day**  
- Connectors: 10 connectors M6x1  
- Hose: 2 hoses of 25 meters  

**Results based on our selection chart available on our website**
POLIPUMP

EASY SET UP, ECONOMICAL AND POWERFUL