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
   - **Green**
     - 2 notches - 0.03cc
   - **Blue**
     - 4 notches - 0.08cc
   - **Grey**
     - 5 notches - 0.10cc
   - **Black**
     - 6 notches - 0.13cc

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

   - **IND** – Industrial application
     - 12 VDC-IND
       - 1 = 12VDC +
       - 2 = ALARM NO out
       - 3 = ALARM COM out
       - ↓ = 12VDC –
     - 24 VDC-IND
       - 1 = 24VDC +
       - 2 = ALARM NO out
       - 3 = ALARM COM out
       - ↓ = 24VDC –
   - **NRUN** – For heavy duty vehicles (trucks, earth moving equipment…)
     - 12 VDC-NRUN
       - 1 = 12VDC +
       - 2 = NRun in
       - 3 = ALARM out
       - ↓ = 12VDC –
     - 24 VDC-NRUN
       - 1 = 24VDC +
       - 2 = NRun in
       - 3 = ALARM out
       - ↓ = 24VDC –
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.

6 types of pumping element

2 litre reservoir

Grade of grease to be used
- NLGI00 to NLGI2*

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)

* For grease with silicone based additives, please contact us.
4. Set up the timer

**Increase/Decrease**
the frequency of lubrication cycle

**Green LED**
Displays the current lubrication cycle setting

**Lubrication interval**
between every cycle

**Yellow LED**
Indicates the keypad is unlocked

**Greasing cycle**
min/hour/day

**Alarm**
Motor overload protection
Possibility of blocked pipe or cycle time too long.

**Alarm**
Grease level low

**Alarm**
Power supply problem
Low voltage or overvoltage
### 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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<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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<tbody>
<tr>
<td>PUMPING UNIT 0.02cc - RED</td>
<td>RED</td>
<td>0888451</td>
<td>308508</td>
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<tr>
<td>PUMPING UNIT 0.03cc - GREEN</td>
<td>GREEN</td>
<td>0888452</td>
<td>308509</td>
</tr>
<tr>
<td>PUMPING UNIT 0.04cc - YELLOW</td>
<td>YELLOW</td>
<td>0888453</td>
<td>308510</td>
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<tr>
<td>PUMPING UNIT 0.08cc - BLUE</td>
<td>BLUE</td>
<td>0888454</td>
<td>308511</td>
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<tr>
<td>PUMPING UNIT 0.10cc - GREY</td>
<td>GREY</td>
<td>0888455</td>
<td>308512</td>
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<td>PUMPING UNIT 0.13cc - BLACK</td>
<td>BLACK</td>
<td>0888456</td>
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### 3) SELECTION OF CONNECTORS AND HOSE

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<th>DESIGNATION</th>
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<tr>
<td>PUSH-IN-M6x1 D4_3084579</td>
<td>311555</td>
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<td>PUSH-IN-M6x1 D4_3084613</td>
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<td>PUSH-IN-90 M8x1 D4_3084731</td>
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<td>CONN-ELBOW PUSH-IN M10X1 D4_3084638</td>
<td>311562</td>
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<tr>
<td>TUBE-NYLON 6 4X2 BLACK-25M</td>
<td>310717</td>
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<td>TUBE-NYLON 6 4X2 BLACK-25M GREASE</td>
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### 4) GREASE AND GREASE FILLING KIT

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<th>DESIGNATION</th>
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<td>KIT CARTRIDGE GREASE FILLING, 0888038</td>
<td>308475</td>
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<td>FITTING 90° M22 x 1.5 - MF</td>
<td>307222</td>
<td>230415</td>
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<tr>
<td>Lub Universal grease</td>
<td>230422</td>
<td>233361</td>
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<tr>
<td>Lub High Temp grease</td>
<td>230421</td>
<td>234867</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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<tbody>
<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
  - 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**:
  - 5g/cc / week: 0.03cc with timer setting 24cycles/day**
  - 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