

Central lubrication for trucks,
trailers and busses

BEKA-MAX

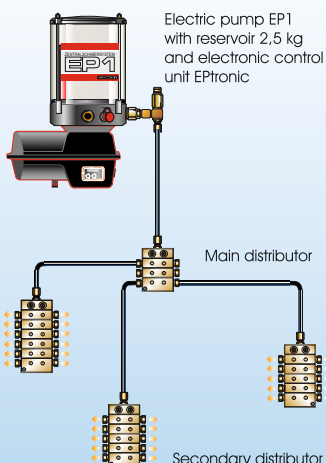


The central lubrication for all utility vehicles: EP-1



Many utility vehicles have a large number of lube points, e.g. vehicles with complex installations, Off Road trucks or heavy haulage. Wear of high-loaded bolts, shafts and sealings can only be reduced by a steady lubrication. With a BEKA-MAX lubrication you have the certainty that each lube point is lubricated at the right time.

During the vehicle operation, the BEKA-MAX central lubrication supplies each lube point with the necessary grease quantity - absolutely reliable, electronically precise controlled and exact metered. Each bearing receives the necessary lubricant quantity it needs. And everything without annoying stand still times!



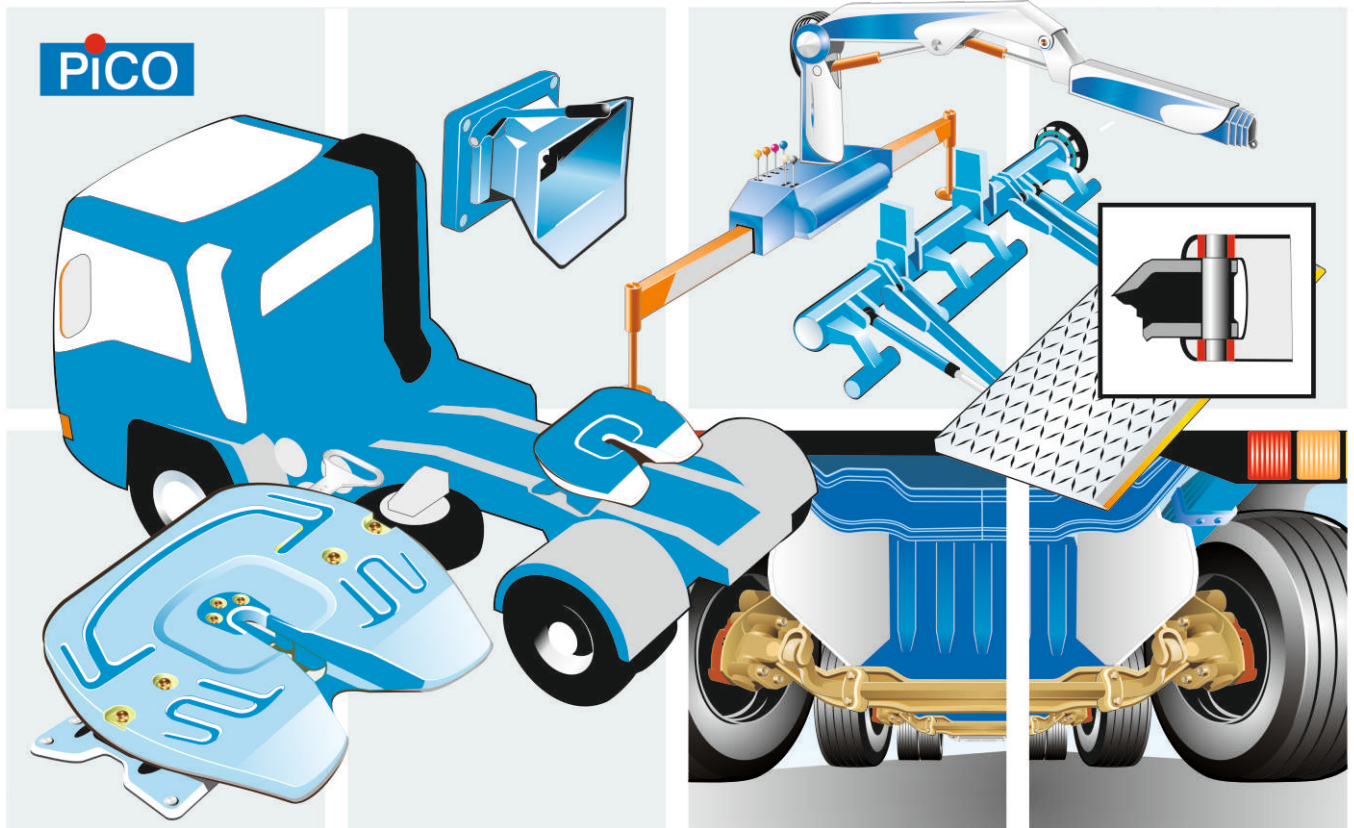
The electronic control of the central lubrication is adapted to the operating conditions of the vehicle and activates the pump in defined intervals.

The pump supplies grease via a main line to the distributors that forward the quantity to the individual bearing points.

Due to the modular distributor design, each friction point is supplied with the perfect lubricant quantity.

- Robust components, especially for the hard use in modern utility vehicles.
- Suitable for all common lubricants (NLGI 000, 00, 0, 1, 2)
- Positively metered supply element for highest operational safety also at low temperatures.
- Reservoir capacities: 1,9/ 2,5/ 4,0/ 8,0 kg
- Modular installed distributor system for a perfect lubricant metering (possible output per outlet: 25/ 45/ 75/ 105mm³)
- Integrated control unit EP-tronic with
 - 3 control functions: time, stroke or number of revolutions
 - electronic maintenance of level, pump function, distributor function, line rupture, lubricant application onto lube point
 - electronic choice of operating conditions EWP: easy, medium or heavy use
 - integrated data logger with diagnosis module
 - interface to telemetric system BEKAtraX
- Perfect matching installation kits for each vehicle type in OEM quality
- Used as standard by leading manufacturers

Big power with small dimensions: The PICO-compact lubrication system



The PICO compact lubrication system has especially been developed for vehicles that have only a limited number of lube points. The PICO system is the perfect solution if for example only the trailer base, the front axle and/or the hydraulic platform shall be supplied with lubricant. Due to the modular design the PICO system can be enlarged if necessary.

A new concept: The PICO system combines power and flexibility in perfect conditions with a compact design. The PICO pump is the worldwide unique combination of progressive- and multi line technology.

The basic version contains one PICO pump with a progressive distributor who supplies lubricant to the lube points. In addition to this up to 8 lube points can be supplied directly. If necessary the system can be enlarged by a second progressive cycle.

The PICO system is designed modular and suitable for all common vehicles and trailers.

- Very compact design for applications with little number of lube points or at close quarters
- Unique combination of two lubrication systems: progressive- and multi line technology
- Suitable for all common lubricants (NLGI 000, 00, 0, 1, 2)
- 1,2 kg reservoir with level monitoring
- Cost-saving basic system
- Flexible enlargement possibilities
- Integrated control unit PICO- tronic with
 - 3 control functions: time, stroke or number of revolutions
 - electronic maintenance of level, pump function, distributor function, line rupture, lubricant application onto lube point
 - electronic choice of operating conditions EWP: easy, medium or heavy use
 - integrated data logger with diagnosis module
 - interface to telemetric system BEKAtraX
- Perfect matching installation kits in OEM quality

