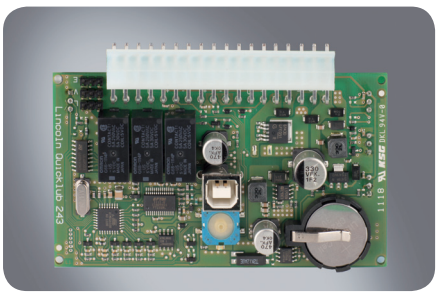
Pump P 243 with integrated data logger “Quickdata 2.0”



P 243

The new P 243 centralized lubrication pump for progressive systems with readable data memory “Quickdata 2.0” is already well-known and proven in the market thanks to its basic pump P 203.

Quickdata 2.0 data logger

In combination with the new Quickdata 2.0, the P 243 pump is applicable universally. Thanks to a wide variety of individual combinations of time or cycle settings, the P 243 covers the whole range of control options available in the market.

Fields of application of the Quickdata 2.0

- Rental parks, construction machinery rentals
- Construction machinery
- Agricultural machines
- Contractors in the agricultural machinery sector
- Railroad tamping machines
- General machinery rental

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New features of the Quickdata 2.0

- Adjusting, administrating, and documenting of times and data as well as output of faults or fault messages by means of own software program and USB interface
- Monitoring of up to 3 lubricant metering devices or lubrication circuits
- Keeping operation going within min and max operating temperature (e.g.: –30 to +70 °C)
- Error memory listed following events; error messages can be filtered
- Initial errors are firmly saved until deleted by password
- Floating signals as normally closed contacts, available as a flashing signal or permanent signal

Time adjustments

- Easy adjustment of simple pause time and operating time controls as well as of monitoring times is possible in the parameterizing menu, for one to three lubrication circuits, also cycle-controlled
- Time scheduling is possible also following operating cycles imposed from outside or cycle controls
- Automatic adjustment of the lubrication time within a lubrication cycle is possible in dependency of cold or hot ambient temperatures

Temperature ranges

- Temperature ranges, in which the pump shall be operating, can be adjusted between –30 and +70 °C.

Main customer benefits

- Remote monitoring of the present system condition and history of course of events
- Helps to detect insufficient or wrong maintenance at an early stage
- Ease of download of data to a notebook
- Allows to schedule maintenance personnel efficiently
- Quick detection of significant deviations from the standard function
- Up to seven different languages adjustable in the menu
- Possibility of password assignment (special menu) directly by the user of a new pump
- The signal outputs for a low- or high-level signal can be realized as flashing or permanent signals, as normally open or normally closed contacts, or as motor run time. This means they can be adapted to almost any customer requirement

Benefits

- Data logger pump with USB interface
- Analysis option for high- and low-level signals
- Direct transmission of all relevant information details following the course of events with date and time
- Reduction of operating errors and failures caused by external influences
- Quick recognition of significant deviations from standard operation
- Long memory retention times until information is overwritten
- Permanent display of the first runtime by the customer (commissioning)
- Proof of warranty claims
- Proof of damages due to clear division of the single information
- Data memory with date/time and duration on six different templates
- Each pump has its own master password (MPW)
- System control and monitoring is possible also “online”

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