



Putzmeister



Quite clearly: Your oil

Clean, reasonable and quick to assemble – the partial flow filter

It is a useful companion to our truck-mounted concrete pumps – the mobile partial flow filter. Its task is to provide the circuit with very pure hydraulic oil.

In the free-flow hydraulics closed circuit, the highest fluid purity requirements must be met, so that the hydraulic components are not worn away by contaminants such as dust and abrasive particles. The mobile partial flow filter acts here as an additional, extremely effective microfilter with integrated water separation. Since it works independently of the main current, only one small part of the fluid (approx. five to ten per cent) flows through the filter. This makes it possible to keep the pores as small as possible, so that they also retain the smallest particles (from 1 μm). Special filter elements also ensure that water carried along with the hydraulic oil is absorbed.

Full fluid change is required less often, less wear, prevention of malfunctions in the hydraulic system and a higher level of machine availability are unbeatable arguments for this investment, which pays for itself in no time. As a separate unit that is independent of the machine and especially designed for rotating operation, it can be fitted very quickly and easily to practically any point on the machine.*

* The mobile partial flow filter only needs to be fitted close to the required connections

The partial flow filter – an investment that saves in the long run

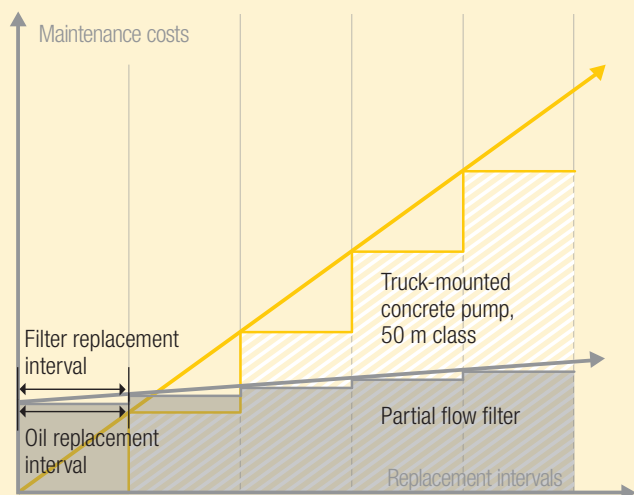
- Fewer full oil changes and less used oil
- Minimized wear of the hydraulic components
- Absorbs water
- Reduces malfunctions
- Reduces maintenance and staff costs
- Without additional engines or pump
- Quick and easy to assemble
- To be used during operation
- Designed for rotating operation
- Reduces machine downtimes
- Compactly constructed
- Pay-off in next to no time

The operating mode and facts are clear

The partial flow filter is as efficient as its method of operation is easy. A current regulator valve ensures that a maximum 8 litres of hydraulic fluid per minute is fed through the micro-filter at a pressure of approx. 4 bar. During flow-through, the attached pressure gauge shows the pressure in the filter housing, so that action can be taken immediately in the event of a rise in pressure. Before and after using the additional filter, a fluid analysis must be carried out in order to determine the relevant degree of contamination. An analysis set is also available for this purpose.

Easy to install

1. Look for a suitable location on the machine
2. Check which hydraulic system is fitted to the machine
3. Fitting the filter using the hydraulic diagrams included



Technical data

System filter type	paper winding filter 3 µm
Filter volume	13,300 cm ³
Retainer capacity	3,000 g oder 2,000 ml
Filter output	8 l/min
System pressure	max. 5 bar

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