

Short product overview

Off-Line Filtration

Always the right solution

In an off-line filtration, an additional circuit with filter is operated. This circuit is separated from the main circuit. This allows an accurate dimensioning of the off-line filter unit regarding the oil volume and the desired cleanliness class.

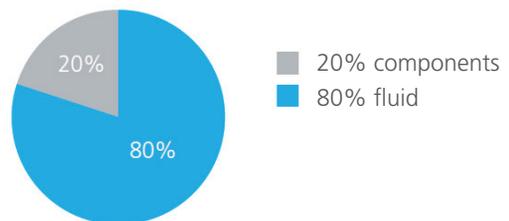
The specially for off-line filtration developed devices consist of a motor-pump unit and a filter.



Installation example of an off-line filtration

Info

- › Approx. 20% of all unplanned breakdowns can be detected by monitoring of the hardware.
- › Approx. 80% of all problems can be attributed to oil contamination.
- › Monitoring and maintaining of the oil thus is the most important factor to avoid breakdowns.



Products and advantages



1 FNA 008 / FNA 016; 2 FNA 040-553; 3 FNA 045; 4 FNS 040-105

Stationary off-line filter units

- › Improving cleanliness classes
- › Reducing the load on the main filter
- › Extending the service life of the main filter
- › Reduction in machine downtime
- › Increasing machine availability
- › Extension of oil change and maintenance intervals
- › Secondary filtration without connection to the main stream
- › Filtration possible without running machine

Products and advantages



1 FA 003; 2 FA 014; 3 FA 016; 4 UMPC 045; 5 UM045; 6 FAPC

Mobile off-line filter units

- › Improving cleanliness classes
- › Reducing the load on the main filter
- › Can be used when needed
- › Filtration with maintenance or filling
- › Secondary filtration without connection to the main stream
- › Viskosity up to 5000mm²/ s at FA 003
- › Monitoring of the cleanliness classes of the lubricant during cleaning or filling of the system
- › Reversible cleanliness class display (upstream / downstream of filter)
- › Optional water-absorbing elements
- › Wireless data transfer at UMPC



Filter cooling unit FNK 050

Filter cooling unit

- › Low space required
- › Low installation and piping costs
- › Reduction of potential leak points
- › User-friendly filter element change
- › Simple maintenance of the cooler
- › Achieving and maintaining the desired oil cleanliness
- › Quick discharge of large amounts of heat
- › Separate off-line filter cooling circuit in conjunction with additional motor-pump unit



OPS

Mobile dewatering system

- › Removes free, dissolved and emulsified water
- › Additional micro-filtration
- › Easy to use
- › Compact design