



Performance that moves

Hydraulic filter elements for mobile applications

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Hengst
FILTRATION

Powerful Filters for Heavy-Duty Work

Mobile machines must function reliably under extreme conditions. Powerful filter technology is therefore essential, particularly in agriculture, forestry, construction, and mining. It prevents contaminants from entering the hydraulic system, which could cause damage or even machine failure.

Reliable filtration allows mobile machinery to be used for longer periods between filter changes. This not only positively impacts performance and service life but also reduces downtime and repair costs.

Hengst offers a wide range of high-quality hydraulic filters and elements for all mobile machine requirements. State-of-the-art materials and production methods result in compact hydraulic filters for a variety of functions in both open and closed hydraulic circuits.

Additionally, our solutions enable continuous monitoring of media quality and issue warning messages at freely definable thresholds. This allows for the definition of optimal maintenance intervals individually, reducing maintenance costs and increasing the service life of the machines.

Your Advantages at a Glance

- **Protection Against Contamination**
Hengst hydraulic filters reliably remove solid particles, water, and other contaminants that can lead to corrosion, wear, and system failures.
- **Increased Service Life**
Clean hydraulic oil extends the service life of components and machines.
- **Lower Maintenance Costs**
Regular filter changes and maintenance reduce downtime and maintenance costs for your machines and components.



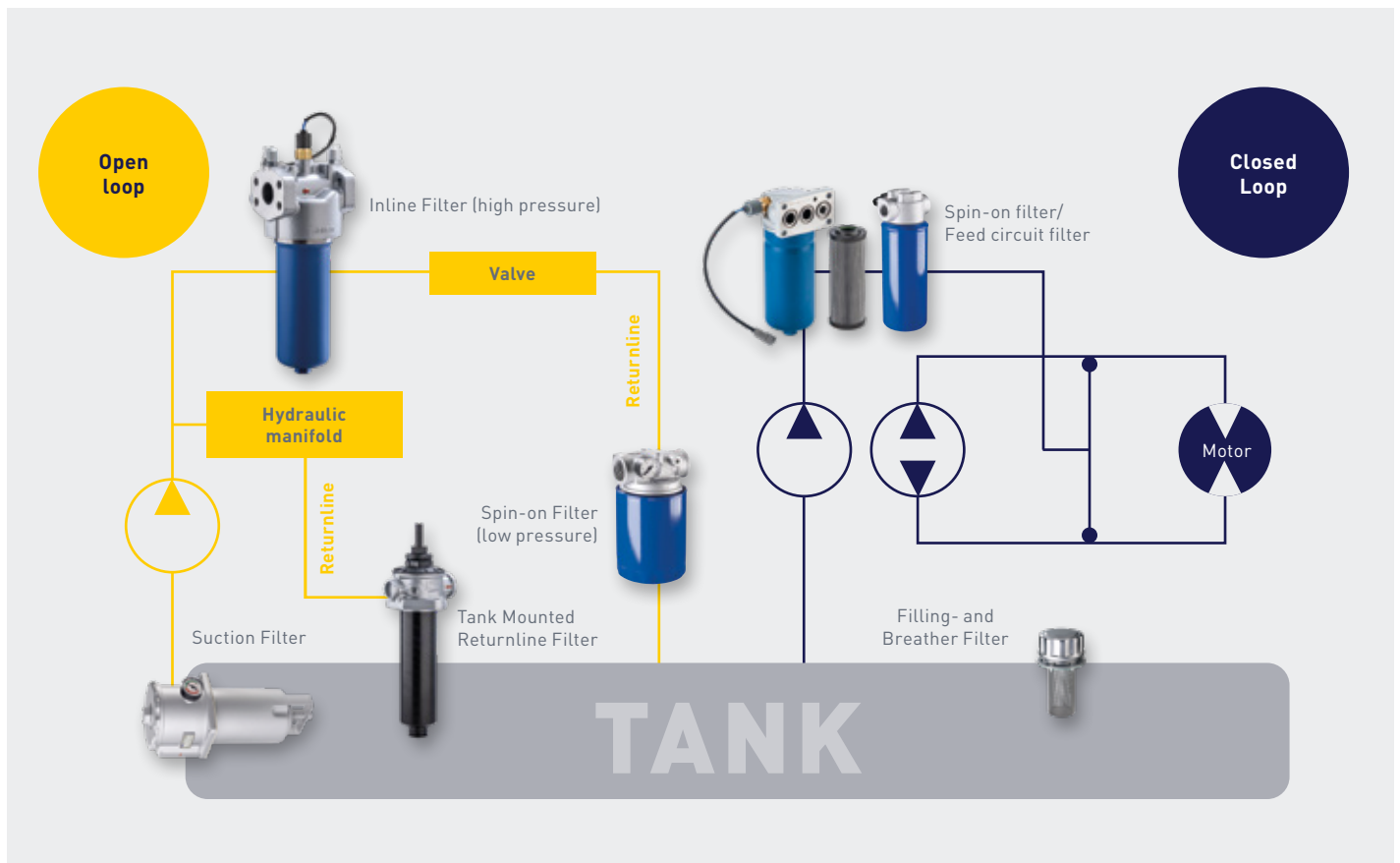
A Strong Partner for Your Business

Hengst Filtration is an experienced development partner and original equipment manufacturer for renowned manufacturers in the field of mobile hydraulic applications. We offer high-performance filter solutions with high efficiency, compact design, and patented or standardized solutions (according to DIN 24550) for a wide range of configuration options and individual customer requirements. Additionally, Hengst has a large range of filter elements for almost all filter housings commonly available on the market.

- **Development Partner of Renowned OEMs:** We collaborate with leading original equipment manufacturers.
- **One-Stop Shop:** Our comprehensive product range meets diverse needs.
- **OEM Quality in the Aftermarket:** We provide original equipment manufacturer quality even in the aftermarket.

The Optimal Solution for Every Requirement

As a system supplier, Hengst offers filters and filter elements for every area of the hydraulic circuit. We provide a wide range of filter designs and sizes for various pressure levels and flow rates. Hengst is also the right partner for hydraulic filtration solutions that go beyond standard applications. These include inline filters (high-pressure protection filters) up to 450 bar in open and closed circuits, feed circuit filters for axial piston machines as add-on or remote versions, and tank-mounted return filters for up to 8000 l/min.



Our portfolio for mobile machines includes:

- Inline filter
- Block Mounted Filter
- Spin-on Filter
- Filling- and Breather Filter
- Tank Mounted Returnline Filter
- Suction Filter
- Filter Elements
- Accessories & Spare Parts



Downtime Becomes Predictable

Our contamination indicators, sensors, and measuring connections enable predictive maintenance instead of reactive repairs. This makes downtime predictable, service calls efficient, and systems remain reliable in operation.

- **Contamination Indicators:** Signal when filters need to be changed in good time – either visually or electrically.
- **Sensors for Fluid Monitoring:** Measure moisture, temperature, and purity class, detecting critical conditions at an early stage.
- **Optional Measuring Connections:** According to DIN EN ISO 4413, these connections directly on the filter housing facilitate quick pressure measurements and oil samples in accordance with the standard.

Find What You Need Quickly

- **Optimal Service Processes Worldwide**

Each filter element comes with a sticker containing a QR code that provides all the important installation information in various languages.

- **Full-Range Supplier**

The extensive range of filter elements can also be used in filter housings from other manufacturers. With the Fit4Filter search function, you can find the right Hengst filter element with a longer service life based on the part numbers and type codes of other manufacturers.

- **Labeling**

On request, the type plate can also be attached to the housing in metal, ensuring that the product or replacement part can be identified even after years of use in harsh environments.





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Hengst Filtration GmbH

Hardtwaldstr. 43 • 68775 Ketsch • Germany

Telefon +49 6202 603-0

hydraulicfilter@hengst.de

hengst.com

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