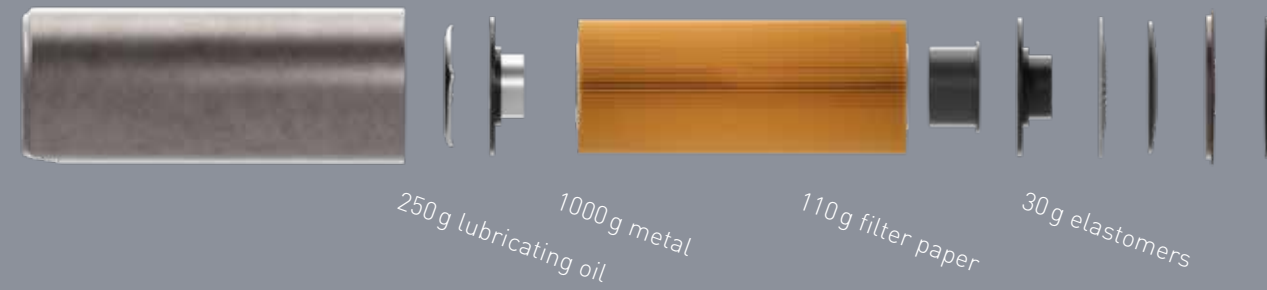


Far from sustainable: Spin-on filters.

Spin-on filters are used for numerous applications. Each time the filter is changed the entire filter unit is replaced, when actually only a new filter element is needed. The housing containing the other functions is disposed of with the filter, thus generating millions of tons of waste each year and causing great harm to the environment. In most cases there is no recycling due to the large number of different materials built into the units. Worse still, the spin-ons must be disposed of as special waste due to the fluid residues remaining in them.



Up to 1,390 g of waste per filter replacement.

Sustainability as standard:

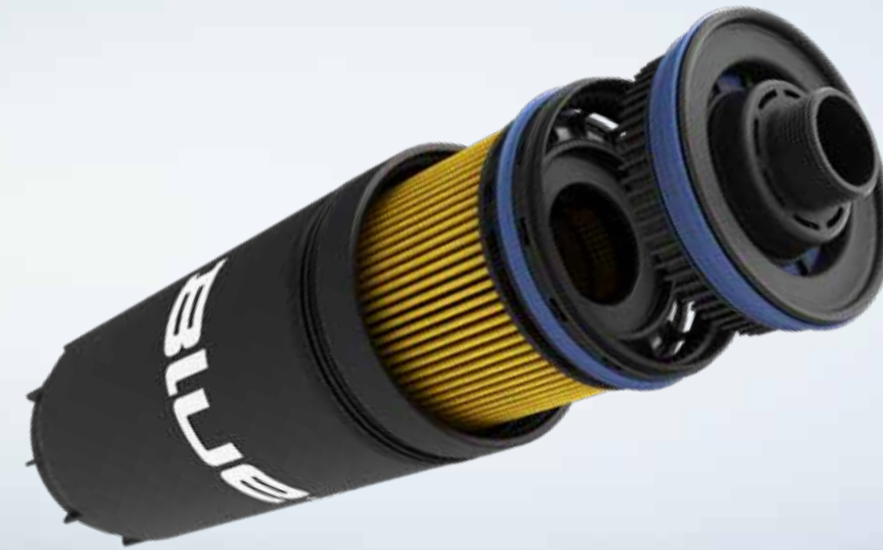
Hengst offers a sustainable alternative to spin-on filters with the Blue.on filtration concept. In these smart multi-component systems only the filter element is replaced, which saves millions of tons of environmentally harmful waste each year.

- Smart combination of long-life parts and service parts
- Applicable to screw-on filter interfaces
- Easy filter replacement
- Patented design



Blue.on

Only 100 g waste per filter replacement!



On the safe and clean side:

Whether in initial fitting or retrofitting the Blue.on is always a smart alternative for sustainable oil, fuel or hydraulic filtration. The system can be adjusted according to requirements and numerous filter media are available. If you so request, patent protection can also be provided, which protects against the use of counterfeits and at the same time boosts the servicing business.

+ Blue.on

- Sustainable concept thanks to a long-life functional unit and a 100% recyclable filter element
- Protection against the use of counterfeits
- Safe operation
- Clean servicing
- Customer-specific solutions for coding the filter element
- Filter element with installed seal
- Easy, tool-free filter replacement
- Flexible interface thanks to different adapters
- More OES business

- Spin-on

- A lot of special waste generated by maintenance
- No patent protection
- Substantial leakage during filter replacement
- The functionality of the filter cannot be checked as the system is closed
- Seal must be manually replaced
- Less OES business

Do you have any other questions?

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www.hengst.com/blue.on

Hengst
FILTRATION



A sustainability pioneer.

Blue.on HD:
The smart alternative to the spin-on filter.



purifying our planet

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Hengst
FILTRATION

The wide world of filtration.

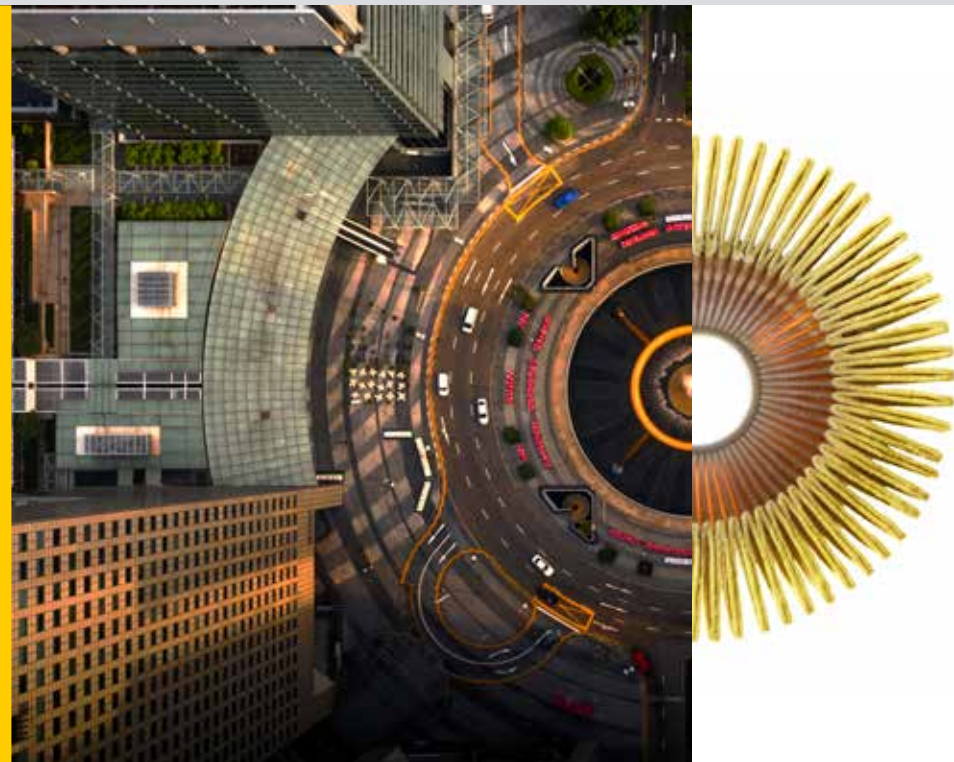
As a family operated company with 3,500 employees at 21 locations, Hengst Filtration is known worldwide for its innovative filtration and fluid management solutions.

Our products are used in millions of applications around the world to make something cleaner. But we can do even better. We think filtration – in everything we do. We deliver leading edge filtration systems for the fields of plant and machine engineering, industrial filtration, hydraulics, life science and health care.

Our custom-tailored solutions are used in medical cleanrooms, air conditioning systems, cleaning machines, industrial systems, electric tools and robots.

We are also an OEM supplier for the international automotive and motor industry and a development partner for sustainable drivetrain and mobility concepts.

For the fuel cell, we offer high-performance solutions for economical use at three places in the system.



Making our planet a purer place.

Mobility, Health, Economy, Environmental Protection & Sustainability: Our daily work focuses on the major issues of our time. With the goal of making the planet a cleaner place. This enables worldwide forward-looking technologies in all industries.

The Blue.on filter concept: Less waste thanks to long-life components

The Hengst Blue.on system consists of three components: housing, filter element and valve adapter. During servicing only the filter element has to be replaced – the other components are long-life parts.

During replacement the oil in the filter can be collected via the drain plug and disposed of separately from the filter element. The system can be used for passenger cars, utility vehicles, farming and construction machinery and marine applications and generates 92% less waste than conventional spin-on filters.

The benefits at a glance:

- 100% recyclable filter element
- 50% weight advantage compared to spin-on filters
- Can be applied on all popular engine interfaces
- Choice of different filter media
- Components made of recycled plastic
- Filter unit with customizable coding prevents the use of unsuitable or unsafe filter elements

Long-life part

- Engine-mounted filter bypass valve ensures consistent filtration performance throughout the life of the unit
- Various valves to choose from: Bypass valve, check valve (dirty side), discharge stop valve (clean side)

Service part

- Different filter media to choose from
- Seals firmly connected to the filter element
- Seal replacement is therefore unnecessary
- Easy maintenance without tools
- Fail-safe locking system



Long-life part

- Multi-start thread for quick filter replacement
- Drainage plug for clean servicing
- Modular system caters for common spin-on sizes discharge stop valve (clean side)

Blue.on
95 **Blue.on**
110 **Blue.on**
130



Ø 95 mm
[146 and 210 mm]
4–8l engines

Ø 110 mm
[185 and 260 mm]
4–13l engines

Ø 130 mm
[300 mm]
>13l engines