

Inline Filter for hydraulic filtration



- ✓ Modular design
- ✓ Filtration efficiency
- ✓ Pressure stability

MANN+HUMMEL Inline Filter for hydraulic filtration

Description

Our **highly effective hydraulic oil filter portfolio** remove harmful particles from hydraulic oil thanks to their **strong separation performance** – with the aim of reducing machine and equipment wear and **downtime**, and also extending their **service life**. In this way, hydraulic oil components such as pumps, valves and cylinders are effectively protected over the long term – for high-performance and clean hydraulic oil systems.

The hydraulic oil circuits of construction machinery, industrial trucks or stationary hydraulics must be optimally protected against contamination from fine dust and other pollutants. This is the only way to ensure that vehicles and machines function perfectly even under the toughest conditions.

The MANN+HUMMEL portfolio offers highly effective filters for the entire hydraulic oil circuit.

Our **inline return line filters** are used in the medium pressure range up to 60 bar operating pressure downstream of the hydraulic pump or in the return line of the hydraulic circuit at less than 10 bar operating pressure.



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Technical specification

Flow rate	Up to 400 l/min at 32 cSt
Working pressure	LPR 9 ≤ 40 bar LPR 5 ≤ 63 bar
Filtration efficiency	5 / 10 / 15 / 20 μm @ β _x =200
By-Pass valve	3.5 / 5 / 7 bar
Temperature range	-30°C up to 100°C
Hydraulic fluids	Mineral oil based, class I, II, III (others on request)
Service switch option	✓
Anti drain valve option	✓
Drain screw option	✓





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Open the website for more information about our hydraulic oil filter portfolio.



Watch the video of our hydraulic oil filter portfolio.