

G | LUBE *Filter*

❓ Why use air filters?

Fluid containers in hydraulic and lubrication systems are at risk of contamination by undesirable air pollutants. These undesirable air pollutants cause and accelerate the oil's oxidation.

Altered oil properties, such as a reduced load-bearing capacity and lower temperature resistance, are the result. Water ingress may also lead to acid formation and subsequent corrosion forming on various component surfaces.

Frequent oil and filter changes, equipment failures and shortened installation lifetimes lead to higher maintenance budgets.

Solution: G-LUBE filter

Ventilation dryers are installed on hydraulic and lubrication system containers to prevent the ingress of solid particles and moisture during the ventilation of the systems.



👍 Advantages

The G-LUBE filter prevents any contamination of the base fluid. You will benefit from ...



... less machine downtime
... longer equipment life



... time savings
... lower lubricant consumption



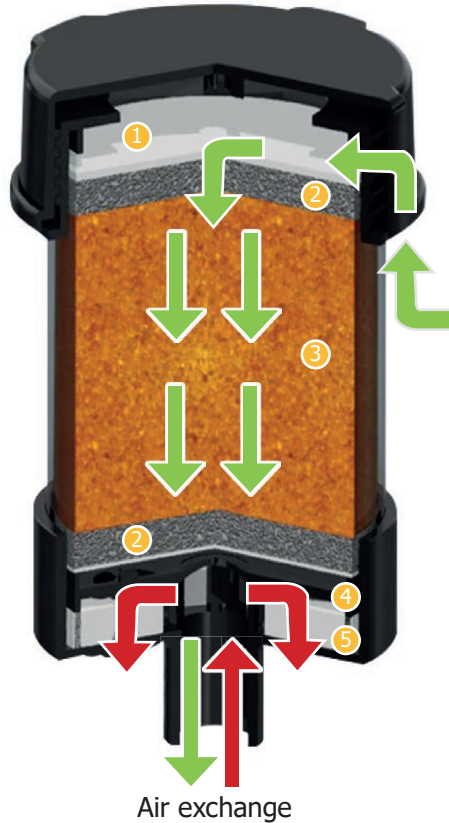
... fewer oil changes
... environmentally-friendly silica gel

✂ Design

Filters out impurities from the air

Dehumidifies

Prevents contaminations caused by oil mist



- 1 **Electret filter**
Removes dirt, dust, and undesirable particles from the air (particle size > 2 microns)
- 2 **Activated carbon filter**
Filters oil from the ambient air
- 3 **Desiccant**
Absorbs moisture from the incoming air. The absorbed moisture darkens the granules over time.
- 4 **Baffle plate**
Protects the silica gel from oil mists
- 5 **Absorption filter for oil**
Absorbs oil mists from the oil tank

Air exchange

✂ Technical data

	Dimensions (Ø x height)	Silica gel volume	Maximum absorption capacity	Maximum airflow	Maximum displacement volume
Size M	14,1 x 14,0 cm	440 g	160 ml	20 cfm	150 gpm
Size L	14,1 x 17,2 cm	660 g	279 ml	20 cfm	150 gpm
Size XL	14,1 x 26,1 cm	1320 g	538 ml	20 cfm	150 gpm



Attach the G-LUBE filter with a suitable adaptor!
Adaptors are available in metric and NPT versions.
Available sizes: 3/8", 1/2", 1"

Art.no. GLF-AD-PT-3/8; GLF-AD-PT-1/2; GLF-AD-PT-1; GLF-AD-NPT-3/8; GLF-AD-NPT-1/2; GLF-AD-NPT-1

NOTE

When installing the G-LUBE filter ensure that the inclination angle is no greater than 45° and ambient temperatures do not exceed 65 °C.



GRUETZNER
AUTOMATIC LUBRICATION

Gruetzner GmbH
Kohlenhofstr. 60 • 90443 Nuremberg, Germany
info@G-LUBE.com • www.G-LUBE.com