

1S-PH

Static Offline Oil Filter System

- Mild steel, powder coated
- Portable
- 1 microfiltration unit incl. 1 SDFC filter element
- Filtration performance (average value) 120 l/h (40 cSt)
- For oil quantities up to 400 litres
- Self-priming gear pump
- Integrated 2 kW preheater for filtration of cold/viscous oils
- Over-pressure protection
- Low pressure cutoff
- Pressure gauge
- Filter element change timer
- IP rating: IP 55
- 6m suction and return hose with quick release couplings



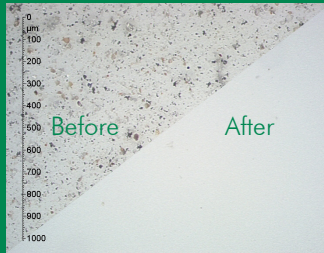
Results

Water Removed



Removes free and dissolved water

Particles Removed



Achievable oil cleanliness / cleanliness class in the ideal case: 13/11/8 (ISO 4406: 1999); Class 2 (NAS 1638) - better than new oil quality levels

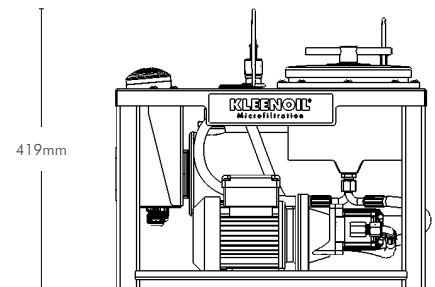
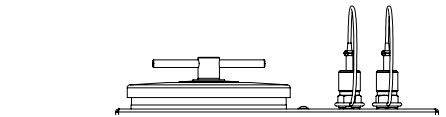
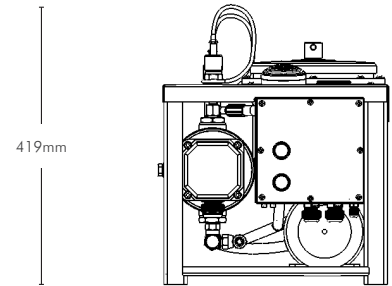
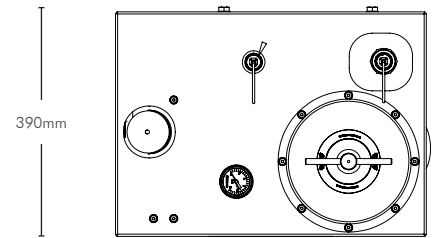
Benefits

- Removes varnish and microparticles down to 1 micron
- Removes free and dissolved water contamination
- Increases system reliability
- Prevents system corrosion (water!)
- Less component wear
- Longer oil change intervals; CO₂ -reduction
- Reduces operating costs

Application examples

This offline mobile filter system with the SDFC filter elements fitted as standard is suitable for filtration of mineral oil based and/or synthetic, non water-based lubricants and pressure fluids. This filter system is ideal for application in all service-workshops or manufacturing plants such as, e.g.:

- Power generation
- Plastic Moulding
- Cement industry
- Every kind of industry where oils are employed



540mm

Type	Recommended Installation	Max. Operating Temp.	IP Rating	Flow rate (average value at < 40 cSt) l/h	Pump Suction Lift	Voltage/ Motor Performance/ Current Draw	Dimensions (mm)		Weight (kg)	Filter Element Type	Retention Capacity per Element (x1)	
							H	W			Dirt: ≤ 2 kg	Water: ≤ 0.5 l
1S-PH	Portable by-pass filter system Installation: Taking feed and return from hydraulic reservoir / tank. Systems up to 400 l.	60°C	IP55	120	Self-priming to 5.5 m	230V 0,18 KW ≤ 7.0 Amps	419	390	40	Standard fit: 1 x SDFC (oil based fluids)	Dirt: ≤ 2 kg	Water: ≤ 0.5 l
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Microfiltration