

1S-24V **24 Volt Offline Oil Filter System**

- Space-saving, compact construction
- 1 microfiltration unit SDU-H8 incl. 1 filter element SDFC
- For oil quantities up to 300 litres
- 24 Volt driven pumpset
- Motor protection
- Pressure gauge
- IP rating: IP 55



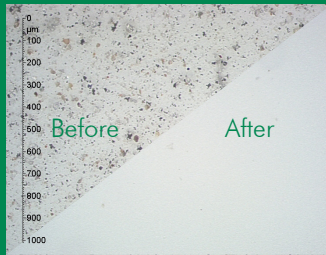
Results

Water Removed



Removes free and dissolved water contamination

Particles Removed



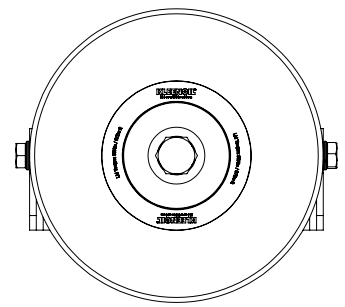
Achievable oil cleanliness / cleanliness class in the ideal case: 13/11/8 (ISO 4406:1999) / Class 2 (NAS 1638) - better than new oil quality levels

Benefits

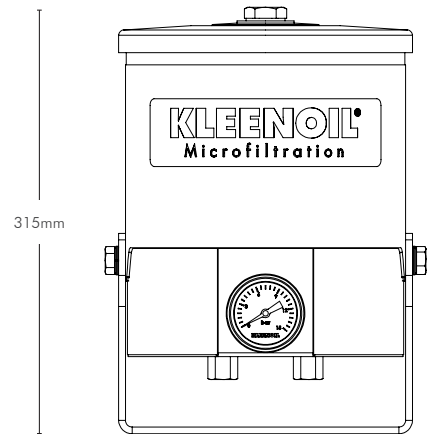
- Removes and minimizes microparticles & varnish
- Removes free and dissolved water contamination
- Increases system reliability
- Prevents system corrosion (water!)
- Less component wear
- Longer oil change intervals; CO₂-reduction
- Reduced operating costs

Application Examples

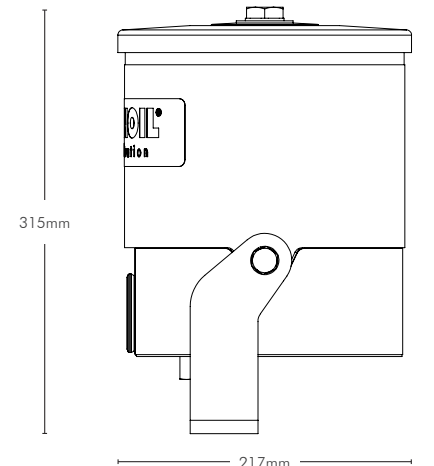
- Earth moving machines
- Forestry equipment
- Mobile cranes
- Drilling/piling equipment
- Static hydraulic systems



237mm



237mm



217mm

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-24V	Electric installation: connect to the 24 Volt control current cable. Hydraulic installation: Inlet to the filter system at the tank (oil drain screw); install the return line to the tank with a separate line below the oil level. For systems up to 300 l.	70°C	IP55	50	Self-priming to 3 m	24 Volt (max. admissible value) 0,18 KW 6 Amps. (Motor)	315	237	15	Standard fit: 1 x SDFC (oil based fluids)	≤ 2 kg	≤ 0.5 l
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Microfiltration