

12S-E Mobile Offline Oil Filtration System

- Stainless Steel construction
- 12 microfiltration units SDU-H8 incl. 12 filter elements SDFC with the option of use 1x12 or 2x6
- Filtration performance (average value) 2 x 720 l/h (40 cSt)
- For oil quantities up to 25.000 litres
- Self-priming gear pump
- Large pre-filter unit with washable filter bag
- Intelligent PLC Control
- Overpressure and run-dry protection with automatic switch-off
- Filter element change timer
- IP rating: IP55
- Transfer function - movement of oil without filtration
- 6m suction and return hose with quick release couplings
- Lifting points



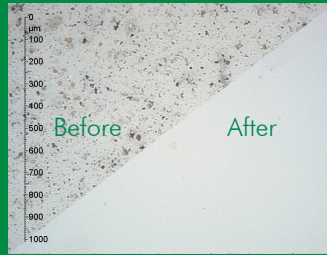
Results

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

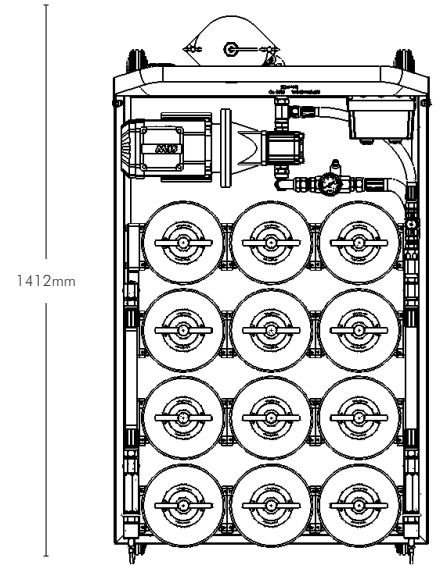
Benefits

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

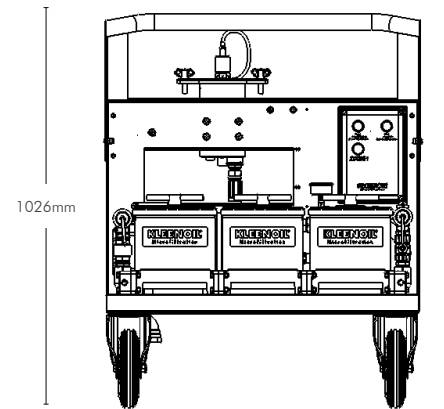
Application Examples

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



820mm



1026mm

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 (x12)	
							H	W			Dirt ≤ 2 kg	Water: ≤ 0.5 l
12S-E	Mobile offline filter system Installation: taking feed and return from hydraulic reservoir / tank. For systems up to 10.000 litres	60°C	IP55	2 x 720	Self-priming to 5.5 m	110 / 230 Volt 0,55 KW ≤ 8.5 / ≤ 4.0 Amps	1026	820	200	Standard fit: 12 x SDFC (oil based fluids)	Dirt ≤ 2 kg	Water: ≤ 0.5 l
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							1412					

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Microfiltration