

## 6S-E Mobile Oil Filter System for Workshop & Industrial Deployment

- Steel construction, powder coated
- 6 microfiltration units SDU-H8 incl. 6 filter elements SDFC
- Filtration performance (average value) 720 l/h (40 cSt)
- For oil quantities up to 10,000 litres
- Self-priming gear pump
- Large pre-filter unit with washable filter bag
- Intelligent PLC control with LCD display
- Automatic pressure regulation
- Overpressure and run-dry protection with automatic cutout
- Integrated 2 kW pre-heater for filtration of cold / viscous oils with a maximum starting viscosity of 1.000 cSt.
- Filter element change timer
- IP rating: IP55
- Transfer function - movement of the oil without filtration
- 6m suction and return hose with quick release couplings
- Lifting points



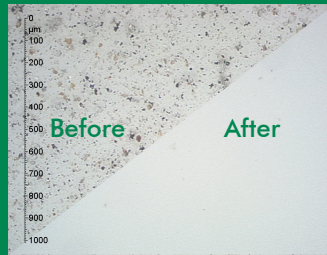
## Results

### 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

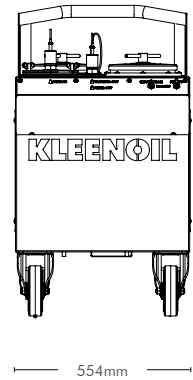
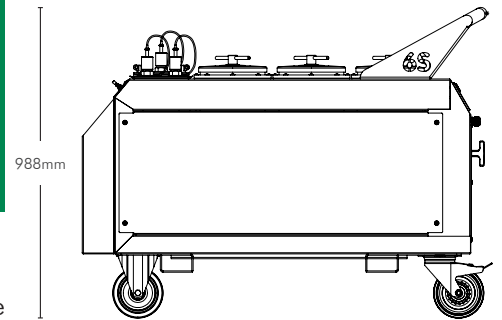
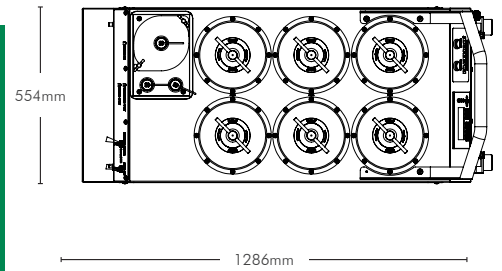
### Benefits

- 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; CO<sub>2</sub> -reduction
- Reduced operating costs
- MINIMESS test points

### 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. It is ideal for application in all service-workshops or manufacturing plants such as,

- Power generation
- Plastic moulding
- Production of raw materials
- Every kind of industry where oils are employed



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 (x6)	
							H	W				
6S-E	Mobile offline filter system Installation: taking feed and return from hydraulic reservoir / tank. For systems up to 10,000 l.	60°C	IP55	720	Self-priming to 5.5 m	230 V / 50 HZ	988	554	155	Standard fit: 6 x SDFC (oil based fluids & fuels)	Dirt: ≤ 2 kg	Water: ≤ 0.5 l
						0,55 KW	L					
						≤12.5 Amps. (Motor)	1286					

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Microfiltration