

## 2S-500B

### Mobile Oil Filter System for Workshop & Industrial Deployment

- Steel construction, powder coated
- 2 microfiltration units SDU-H8 incl. 2 filter elements SDFC
- Filtration performance (average value) 240 l/h (40 cSt)
- For oil quantities up to 1,000 litres
- Self-priming gear pump
- Pre-filter unit with washable filter insert
- Overpressure protection
- Pressure gauge
- IP rating: IP55
- Transfer function -  
movement of the oil without filtration
- 6m suction and return hose with quick release couplings
- Starting viscosity: max. 1,000 cSt.  
Filtration viscosity: < 200 cSt.



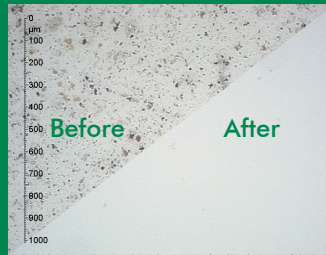
## Results

### 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

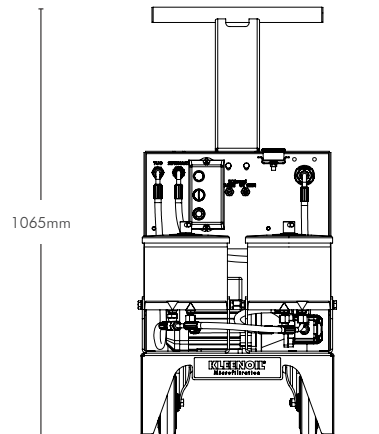
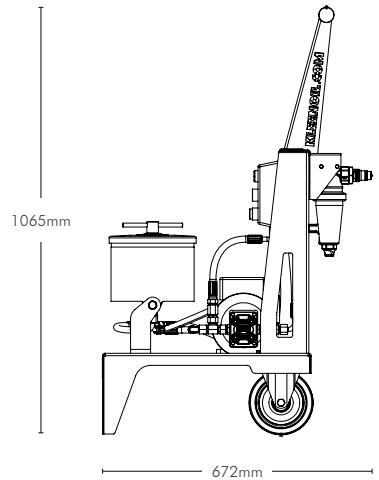
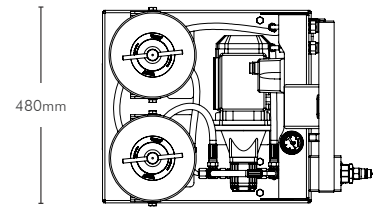
### Benefits

- 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 (x2)	
							H	W				
2S-500B	Mobile offline filtration system Installation: Taking feed and return from hydraulic reservoir/tank. For systems up to 1,000 l.	60°C	IP55	240	Self-priming to 5.5m	230 Volt / 50HZ  0,37 KW  ≤ 3.0 Amps (Motor)	1065	480	52	Standard fit: 2 x SDFC (oil based fluids & fuels)	Dirt: ≤ 2 kg	Water: ≤ 0.5 l
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Microfiltration