

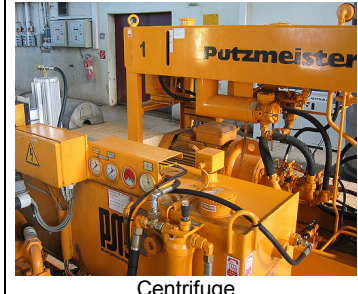

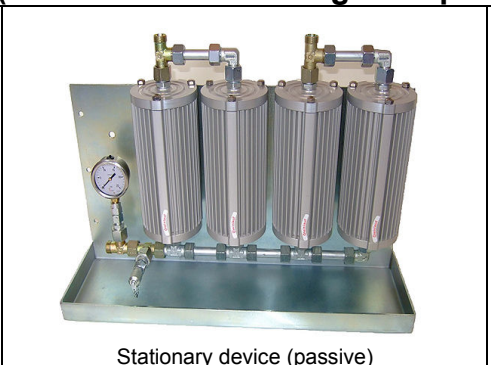
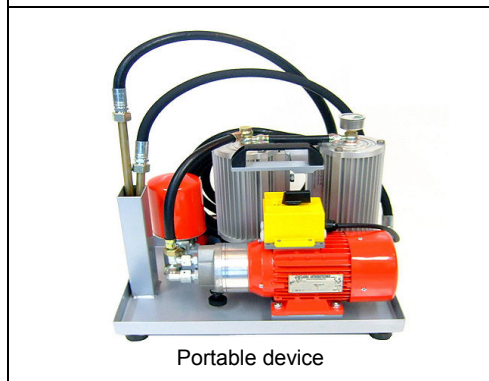



Industrial applications

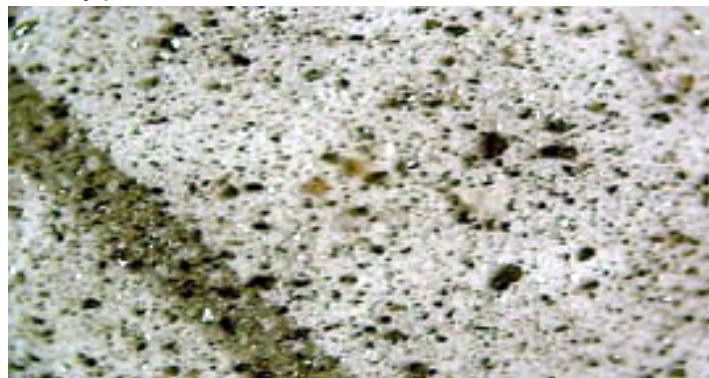
			
Injection moulding machine	Machining centre	Vacuum pump	Mobile filtration device
			
Hydraulic press	Stationary device for gear box	Heating plant	Mobile device for bending machine
			
Machine tool	Machining centre	Centrifuge	Gear box

Types of fine filtration devices (Dimensions according to requirements)

		Application overview: <ul style="list-style-type: none"> - Injection moulding machines - Paper machines - Steel mills / foundries - Vacuum pumps - Machining centres - Machine tools - Eroding machines - Hydropower stations - Wind power stations - Hydraulic lifts / elevators - Hydraulic presses - Compressors - Cement plants - Sewage purification plants - Shipbuilding - Turbines - Gear boxes - Mining industry and much more... <p>Over 90% of our devices are being configured and produced according to the individual needs of our clients. Use our experience to keep your devices clean and insure a good return on investment.</p>
Stationary device (active with pump)	Stationary device (passive)	
		
Portable device	Mobile device	

Comparison:

Heavily polluted oil



As found with ordinary filtration!

Analysis before fine filtration

Particle counts

Particle size in μm	Particles per 100 mls
> 4	4.180.200
> 6	1.168.520
> 14	436.590
> 21	17.510
> 38	4.020
> 70	380

Classes: ISO 4406: 23/21/19
SAE AS4059: 13A/12B/13C
NAS 1638: >12

Water content: >5000 ppm (>0,50%)

Summary:

- More particles, abrasion, wear and oxidation
- Increased risk of breakdown and failure

Clean oil



As obtained by the use of our filtration device!

Analysis after fine filtration

Particle counts

Particle size in μm	Particles per 100 mls
> 4	3.850
> 6	480
> 14	50
> 21	20
> 38	0
> 70	0

Classes: ISO 4406: 12/09/06
SAE AS4059: 3A/1B/0C
NAS 1638: 2

Water content: <100 ppm (<0,01%)

Summary:

- Best oil quality
- Increased operating reliability

Our offer:

oil-filter.net devices	oil-filter.net services
<ul style="list-style-type: none"> • Fine filtration stationary, portable, mobile Options: <ul style="list-style-type: none"> ○ Electronic dry shut-off ○ Electronic particle counter • Centrifuge filtration device for separation of particles, water and oil • Other filtration devices on demand 	<ul style="list-style-type: none"> • Telephone interview • System and requirement analysis • Device production • Installation and maintenance service • Oil analysis (before-after / regularly) • Consultation and service

Your advantages:

- Efficient oil care
- Cost reduction / Savings on new oil and maintenance
- Wear reduction
- Potentially increased mean time to failure
- Saving resources / waste reduction / contribution to environmental protection