

The Purifiner oil cleaning system

What it can do for you:

- Extends oil life - by up to 15 times when running constantly.
- Reduces failures by removing solid and liquid contamination in oils.
- The Purifiner will make your business greener - reusing oil is kind to the environment.
- Very quick return on investment - low capital cost and significant savings on machinery running costs, low annual running costs.

How it cleans your contaminated oil

From 'mayonnaise to cognac' the Purifiner can return your oil to better than new condition.

From just 35kg, the Purifiner is the lightest and most portable oil filtration system on the market.



What does Purifiner actually do?

- Removes particles - down to 1
- Removes water - down to 100ppm or 0.01%
- Purifiner cleans all types of oil - including mineral, bio/EAL.

Some of our customers:

- | | |
|------------------------------------|---------------------------|
| • Bernhard Schulte Ship Management | • Hurtigruten ASA |
| • Bourbon Offshore | • Knutsen OAS |
| • Carnival Cruise Ltd | • Louis Dreyfus Armateurs |
| • Color Line Marine AS | • MSC Cruises |
| • Columbia Ship Management | • Norled AS |
| • Corrib Shipping | • Norwegian Cruise Line |
| • Costa Crociere SPA | • Solstad Shipping AS |
| • Fjord1 AS | • Stena Line AB |
| • Hapag Lloyd AG | • V.Ships Group |
| • Holland America Line | |



What solutions does the Purifiner offer which others do not?

- It is able to clean almost unlimited volumes of oil - 3,000+ litres per unit
- Improves oil cleanliness levels to NAS 4 or ISO 4406 level of 15/13/10
- The Purifiner is less expensive to buy and to run than the competition*
- It's the lightest and most portable oil filtration system on the market.**

*The Purifiner uses heat, produced by electricity to separate out the water rather than expensive absorption methods.
**The Purifiner range starts at 35kg with the non-pressurised TF5060P-MH-Single systems

The Purifiner oil cleaning system can be used where clean oil is paramount, these applications could be:

- Sterntube seals (mineral and EAL oils)
- Thrusters (especially those worked hard, with a lot of manoeuvring)
- Hydraulic oil systems (such as ferries and FPSO) where around - 40% of failures are due to water contamination
- Mobile (wheeled) units also available
- Engine oil units also available for removal of water and diesel (fuel dilution).

Data table for non-pressurised and pressurised Purifiner oil cleaning systems

	Non-pressurised systems				Pressurised systems		
	TF2560 PMH-Single	TF5060 PMH-Single	TF5060 PMH-Twin	TF5060 PMH-Triple	TS5060 PMH-Single	TS5060 PMH-Twin	TS5060 PMH-Triple
System Capacity (litres)	600	3,000	6,000	9,000	3,000	6,000	9,000
Throughput (litres/24hrs)	600	600	1,200	1,800	600	1,200	1,800
Viscosity (cSt)	32 - 320	32 - 320	32 - 320	32 - 320	32 - 320	32 - 320	32 - 320
Max inlet pressure (bar)*	200	200	200	200	200	200	200
Standard inlet pressure (bar)	3	3	3	3	3	3	3
Max Back-pressure (bar)	0	0	0	0	8	8	8
Annual filter usage**	4	4	8	12	4	8	12
Power consumption (W)	1,400	2,400	2,550	2,700	2,400	2,550	2,700
Mains voltage (V)	230/240	230/240	230/240	230/240	230/240	230/240	230/240
Current (A)	16	16	16	16	16	16	16
Connection	3/8" BSP ext	3/8" BSP ext	3/8" BSP ext	3/8" BSP ext	3/8" BSP ext	3/8" BSP ext	3/8" BSP ext
Weight (kg)	20	35	50	60	45	60	70
Dimensions (cm - H x W x D)	47 x 30 x 40	64 x 45 x 47	64 x 76 x 47	64 x 76 x 47	64 x 45 x 47	64 x 76 x 47	64 x 76 x 47

*with reduction valve

**with continual use and in normal circumstances



Need help or want to know more?

Our staff speak more than 10 languages and will be happy to assist with any enquiry.

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