



Electrical Oil Preheater

COMPLETE ELECTRICAL OIL PREHEATER

The GreenOil compact preheater is an electrical thermostat controlled heater that can be installed with different types of GreenOil offline filtration systems.

The GreenOil preheater is specifically designed for heating oils. The preheater has a very low surface load which eliminates the risk of damaging the oil during the heating process.

To improve efficiency, the stainless steel preheater has an additional and protected layer of insulation. The preheater is equipped with a mechanical thermostat, a safety circuit breaker and a thermometer.

The preheater supports both 230 VAC and 3x400/440 VAC power supply and the electrical connection is carried out in the built on terminal box.

Functions

The GreenOil preheater comprises of an oil chamber and an electrical heating element.

The oil continuously feeds through the oil chamber where the electrical preheater increase the temperature before returning to the system.

KEY FEATURES

- | Easy installation.
- | Effective oil preheater with low surface temperature to improve handling.
- | Thermostat controlled.
- | Built in safety circuit breaker.
- | Thermometer included.
- | Complete preheater in AISI304 Stainless.

TECHNICAL DATA	Preheater 1600 watt	Preheater 3200 watt	Preheater 6400 watt
Recommended flow [w]	>200	200-400	750<
Temp. increased at recommended flow [°C]	>30	>30	>30
Power Supply [VAC—Hz]	230-50/60 or 3x440-50/60	3x440-50/60	3x440-50/60
Power Rating [w]	1600	3200	6400
Thermostat set point range [°C]	7- 85	7- 85	7- 85
Safety breaker [°C]	110 (Manual reset)	110 (Manual reset)	110 (Manual reset)
IP class	IP65	IP65	IP65
Connections [”RG] (BSP)	1/2	3/4	3/4
Dimensions H x W x D [mm]	684 x 127 x 125	659 x 340 x 302	659 x 340 x 462
Weight [kg]	6	15	30
Materials	AISI304 Stainless	AISI304 Stainless	AISI304 Stainless



GREENOIL RANGE OF FILTER ELEMENTS

All GreenOil filter elements are designed with a high dirt holding capacity and for optimal performance. The filter canister enables quick replacement without physical contact with the oil.

There are several benefits for customers using the GreenOil range of filters, including the

removal of the soft contaminants which lead to the formation and build-up of varnish in oil.

As result, GreenOil filters keeps the VPR (Varnish Potential Rating) well below concerning levels, even for installations facing heavy loads and high temperatures.

KEY FEATURES

- | Sustainable green filtration material.
- | Easy and quick filter change without oil spill.
- | No tools required for filter replacement.
- | No physical contact with oil when replacing filter insert.

TECHNICAL DATA	Lubrication oil			Hydraulic oil			Transmission oil		Diesel oil	Gear oil
Element type	2001M	2522E	2702E	2201H	2202H	2402F	2101T	2102T	2302C	2602G
Filter element size [liter]	3	8	8	3	8	8	3	8	8	8
Viscosity at 40°C [cSt]	100-250	100-250	100-460	0-100	0-100	0-100	250-460	250-460	0-45	200-460
Dirt holding capacity [liter]	2	6	6	2	6	6	2	6	6	6
Absolute filter rating* [µ]	5	5	5	3	3	2-3	9	9	5	3

Filter for Lubrication oil 2001M, 2522E and 2702E

Clean lubrication oil is essential for optimal engine performance. 2001M, 2522E and 2702E is designed for filtration of engine lubrication oil and developed to remove combustion products, varnish, water and insoluble in the oil.

2702E is also used for optimal oil performance for thruster and stern tube applications.

Filter for Hydraulic oil 2201H, 2202H and 2402F

Filter elements 2201H and 2202H are applied to installations requiring the highest demands for oil quality. Surveys verify that 90% of all break downs in hydraulic systems are related to particle contamination. Deep penetration is vital for preventing unnecessary wear and costly break downs. Note: This can also be used for thermal oil applications.

2402F are a even better filter element than 2202H, to be used when even the smallest particles are to be removed.

Filter for Transmission oil 2101T and 2102T

The filter elements 2101T and 2102T are similar to the hydraulic oil filter elements but designed for transmission oils at very high viscosity.

Filter for Diesel oil 2302C

Engine fuel systems are getting increasingly sensitive to particles and water contamination. Filter 2302C is optimized for removing small particles and developed for use with built in coalescer system for water removal, resulting in having the cleanest possible oil and avoiding unnecessary wear and costly breakdowns.

Filter for Wind Turbines 2602G

Filter element 2602G is designed for filtration of the oil in wind turbine gearboxes.

The element can be applied in wind turbine installations that require the highest demands to oil quality. The filter elements are designed with a high dirt holding capacity which means the maintenance of the filter system is planned to coincide at the same time as the normal maintenance interval of the wind turbine.



WP1-BX-30/100/200/400

COMPLETE SYSTEM FOR LUBRICATION, HYDRAULIC AND GEAR

The WP1-BX-XX system is used for cleaning of EAL bio, lubrication, hydraulic and gear oil. The system removes water, soot, particles, varnish and oxidation residues in the oil.

The filter system is used in the maritime business and other industries to obtain optimal operating reliability of the equipment and to extend the lifetime of oil.

The system comprises of a pump and motor unit together with a GreenOil filter and a built in water separator.

The pump continuously feeds the oil through

the filter, where particles and water are removed. The oil is then returned by gravity back to the equipment.

The patented water separator is unique because the oil passes through and the water is separated by heated air. The process results in removing free, dissolved and bound water without damaging the oil properties.

The filter insert is replaced without the use of tools, oil spill or physical contact with the oil.

Ideal for hydraulic and gear applications.

KEY FEATURES

- | Integrated oil filter and water separator.
- | Patented water separator removing free, emulsified and bound water down to 30 ppm.
- | Easy and quick filter change without oil spill.
- | No tools required for filter replacement.
- | No physical contact with oil when replacing filter insert.

TECHNICAL DATA	WP1-B2-30	WP1-B1-100	WP1-B2-200	WP1-B2-400
Filtered Oil Flow [l/h]	30-50	100-120	200-240	400-480
Oil Pressure In, max. [Bar]	1	1	1	1
Oil Suction Height [m]	6	6	6	6
Viscosity [cSt]	0-320	0-460	0-220	0-220
Power Supply [VAC - Hz]	110-230-50/60	230/3x440-50/60	230/3x440-50/60	230/3x440-50/60
Power Consumption [W]	170	245	345	610
Connections [”RG] (BSP)	In: 3/8 Out: 3/4	In: 1/2 Out: 1	In: 1/2 Out: 1	In: 1/2 Out: 1
Dimensions H x W x D [mm]	457 x 183 x 294	423 x 426 x 280	423 x 426 x 280	532 x 774 x 320
Weight [kg]	9	19	19	42
Materials	AISI 304 Stainless	AISI 304 Stainless	AISI 304 Stainless	AISI 304 Stainless
Filter canister [liter]	1 x 3	1 x 8	1 x 8	2 x 8
Alarm	Option	Option	Option	Option
Local/remote Start/stop panel	Option	Option	Option	Option



WP1-C1-125/250/500/1000

COMPLETE SYSTEM FOR MARINE DIESEL AND GAS OIL

The WP1-C1-XXX is used for cleaning of marine diesel and gas oil. This can be placed in the fuel transfer system between the settling/bottom tank and the service/day tank or alternatively as an off-line system in either tank used to recirculates the oil. The unit removes particles and water from the marine diesel or gas oil.

The filter system is widely used in the maritime business and in the industry to obtain optimal reliability and longer lifetime for engines, and equipment.

Functions

The system comprises of a pump and motor unit

together with a GreenOil filter and built in water separator.

The pump continuously feeds the oil through the filter, and the water separator where the particles and water are removed. The oil then returns to the tank and the water drains from the system.

All particle filtration is performed using the GreenOil range of filters. This results in having the cleanest possible oil ready for use, including for those applications having very sensitive fuel systems or of high pressure type.

KEY FEATURES

- | Fully replace purifier/separator.
- | Removes bacterial contamination in the oil.
- | Easy and quick filter change without oil spill.
- | No tools required for filter replacement.
- | No physical contact with oil when replacing filter insert.
- | Complete unit in AISI 304 Stainless.

TECHNICAL DATA	WP1-C1-125	WP1-C1-250	WP1-C1-500	WP1-C1-1000
Filtered Oil Flow [l/h]	125-150	250-300	500-600	1000-1200
Oil Pressure In, max. [Bar]	1	1	1	1
Oil Suction Height [m]	6	6	6	6
Viscosity [cSt]	0-46	0-46	0-46	0-46
Power Supply [VAC - Hz]	230-50/60 or 3x440-50/60	230-50/60 or 3x440-50/60	230-50/60 or 3x440-50/60	230-50/60 or 3x440-50/60
Power Consumption [W]	125	250	370	550
Connections [”RG] (BSP)	1/2	1/2	1/2	1/2
Dimensions H x W x D [mm]	423 x 426 x 280	423 x 426 x 280	629 x 474 x 296	629 x 744 x 296
Weight [kg]	19	19	40	50
Materials	AISI 304 Stainless	AISI 304 Stainless	AISI 304 Stainless	AISI 304 Stainless
Filter canister [liter]	1 x 8	1 x 8	1 x 8	2 x 8
Water drain tank	N/A	N/A	Standard	Standard
Local Start/stop Panel	Option	Option	Option	Option
Pressure and water alarm	Option	Option	Option	Option



WP1-CH1-125, WP1-CH2-100 and WS-C-H Mobile

COMPLETE MOBILE SYSTEM WITH HIGH WATER REMOVAL

The GreenOil mobile system is used for maintenance or emergency filtration of EAL bio, lubrication, hydraulic and gear. The system removes free and emulsified water and particles, varnish and oxidation residues in the system.

Functions

The system comprises of a preheater, pump and motor unit together with a GreenOil filter and a coalescher system.

Oil passes through the preheater to increase the oil temperature. The pump continuously feeds the oil through the filter, where particles

are removed. The oil is then transferred to the coalescher element, which effectively removes water in the oil. The oil then returns to the system.

All particle filtration is performed using the GreenOil range of filters. This results in having the cleanest possible oil ready for use.

Filter insert is replaced without the use of tools, oil spill or physical contact with the oil.

Ideal when water ingress becomes an issue and needs removing.

KEY FEATURES

- | Integrated oil filter and water separator.
- | Effective and quick water removal.
- | Easy and quick filter change without oil spill.
- | No tools required for filter replacement.
- | No physical contact with oil when replacing filter insert.
- | A low maintenance system with many benefits.

TECHNICAL DATA	WP1-CH1-125 Mobile	WP1-CH2-100 Mobile	WS-C-H Mobile
Filtered Oil Flow [l/h]	100-125	100-120	-
Water removal [l/day]	≤ 4	≤ 10	≤ 10
Oil Pressure In, max. [Bar]	1	1	1
Oil Suction Height [m]	6	6	6
Viscosity [cSt]	0-460	0-460	0-460
Power Supply [VAC - Hz]	230/3x440-50/60	230/3x440-50/60	230/3x440-50/60
Power Consumption [W]	125 +1600	125 +1600	1600
Connections [”RG] (BSP)	1/2	1/2	1/2
Dimensions H x W x D [mm]	1160 x 550 x 560	1160 x 550 x 520	1160 x 550 x 520
Weight [kg]	24	51	32
Materials	AISI 304 Stainless	AISI 304 Stainless	AISI 304 Stainless
Filter canister [liter]	1 x 8	1 x 8	None
Preheater	Standard	Standard	Standard
Hydraulic hoses	2 x 5 m 1/2”	2 x 5 m 1/2”	2 x 5 m 1/2”



WP1-CX-500/1000/1500/2000

COMPLETE SYSTEM FOR MARINE DIESEL AND GAS OIL

The WP1-C2-XXX is used for cleaning of marine diesel and gas oil. This can be placed in the fuel transfer system between the settling/bottom tank and the service/day tank or alternatively as an off-line system in either tank used to recirculates the oil. The unit removes particles and water from the marine diesel or gas oil.

The filter system is widely used in the maritime business and in the industry to obtain optimal reliability and longer lifetime for engines, and equipment.

Functions

The system comprises of a pump and motor unit

together with a GreenOil filter and built in water separator.

The pump continuously feeds the oil through the filter, and the water separator where the particles and water are removed. The oil then returns to the tank and the water drains from the system.

All particle filtration is performed using the GreenOil range of filters. This results in having the cleanest possible oil ready for use, including for those applications having very sensitive fuel systems or of high pressure type.

KEY FEATURES

- | Fully replace purifier/separator.
- | Removes bacterial contamination in the oil.
- | Easy and quick filter change without oil spill.
- | No tools required for filter replacement.
- | No physical contact with oil when replacing filter insert.
- | Complete unit in AISI 304 Stainless.

TECHNICAL DATA	WP1-C2-500	WP1-C2-1000	WP1-C1-1500	WP1-C1-2000
Filtered Oil Flow [l/h]	500-600	1000-1200	1500-1800	2000-2400
Oil Pressure In, max. [Bar]	1	1	1	1
Oil Suction Height [m]	6	6	6	6
Viscosity [cSt]	0-46	0-46	0-46	0-46
Power Supply [VAC - Hz]	3x440-50/60	3x440-50/60	3x440-50/60	3x440-50/60
Power Consumption [W]	370	550	950	1100
Connections [“RG] (BSP)	1/2	1/2	3/4	1
Dimensions H x W x D [mm]	773 x 644 x 420	773 x 935 x 420	773 x 1105 x 420	773 x 1517 x 420
Weight [kg]	47	62	77	92
Materials	AISI 304 Stainless	AISI 304 Stainless	AISI 304 Stainless	AISI 304 Stainless
Filter canister [liter]	1 x 8	2 x 8	3 x 8	4 x 8
Water drain tank	Standard	Standard	Standard	Standard
Local Start/stop Panel	Standard	Standard	Standard	Standard
Pressure and water alarm	Option	Option	Option	Option



WP1-PX-30/100/200/400

COMPLETE SYSTEM FOR ENGINE LUBRICATION OIL

The WP1-PX-XXX system is used for cleaning of engine lubrication oil. This can be used instead of traditional purifier/separator, resulting in many savings and proven benefits. The system removes soot, particles, varnish, insoluble, oxidation residues and water in the system.

The filter system is used in the maritime business and other industries to obtain optimal operating reliability and longer lifetime for engines, and equipment.

The system comprises of a pump and motor unit together with a GreenOil deep filter element.

The pump continuously feeds the oil through the filter, where particles and combustion residues are removed. The oil then returns to the system.

All particle filtration is performed using the GreenOil range of filters. This results in having the cleanest possible oil ready for use, including for those applications having very sensitive systems or of high pressure type.

Filter insert is replaced without the use of tools, oil spill or physical contact with the oil.

Ideal for engine applications.

KEY FEATURES

- | Fully replace purifier/separator.
- | Easy and quick filter change without oil spill.
- | No tools required for filter replacement.
- | No physical contact with oil when replacing filter insert.
- | Complete unit in AISI 304 Stainless.
- | A low maintenance system with many benefits.

TECHNICAL DATA	WP1-P2-30	WP1-P1-100	WP1-P2-200	WP1-P2-400
Filtered Oil Flow [l/h]	30-50	100-120	200-240	400-480
Oil Pressure In, max. [Bar]	1	1	1	1
Oil Suction Height [m]	6	6	6	6
Viscosity [cSt]	0-320	0-460	0-220	0-220
Power Supply [VAC - Hz]	110/230-50/60	230/3x440-50/60	230/3x440-50/60	230/3x440-50/60
Power Consumption [W]	110	125	225	370
Connections [“RG] (BSP)	3/8	1/2	1/2	1/2
Dimensions H x W x D [mm]	457 x 183 x 294	423 x 426 x 280	423 x 426 x 280	532 x 774 x 320
Weight [kg]	9	19	19	42
Materials	AISI 304 Stainless	AISI 304 Stainless	AISI 304 Stainless	AISI 304 Stainless
Filter canister [liter]	1 x 3	1 x 8	1 x 8	2 x 8
Alarm	Option	Option	Option	Option
Local/remote Start/stop panel	Option	Option	Option	Option



WP1-PX-100/200/400 Mobile

COMPLETE MOBILE SYSTEM FOR MAINLY PARTICLE FILTRATION

The WP1-PX-XXX Mobile system is used for cleaning of lubrication, hydraulic and gear oil. This can be used instead of traditional purifier/separator, resulting in many savings and proven benefits. The system removes soot, particles, varnish and any insoluble in the system.

The filter system is used in the maritime business and other industries to obtain optimal operating reliability and longer lifetime for engines, and equipment.

Functions

The system comprises of a pump and motor unit

together with a GreenOil filter.

The pump continuously feeds the oil through the filter, where particles are removed. The oil then returns to the system.

All particle filtration is performed using the GreenOil range of filters. This results in having the cleanest possible oil ready for use, including for those applications having very sensitive systems or of high pressure type.

Filter insert is replaced without the use of tools, oil spill or physical contact with the oil.

KEY FEATURES

- | Fully replace purifier/separator.
- | Easy and quick filter change without oil spill.
- | No tools required for filter replacement.
- | No physical contact with oil when replacing filter insert.
- | Complete unit in AISI 304 Stainless.
- | A low maintenance system with many benefits.

TECHNICAL DATA	WP1-P1-100 Mobile	WP1-P2-200 Mobile	WP1-P2-400 Mobile
Filtered Oil Flow [l/h]	100-120	200-240	400-480
Oil Pressure In, max. [Bar]	1	1	1
Oil Suction Height [m]	6	6	6
Viscosity [cSt]	0-460	0-220	0-220
Power Supply [VAC - Hz]	230/3x440-50/60	230/3x440-50/60	230/3x440-50/60
Power Consumption [W]	125	225	370
Connections [“RG] (BSP)	1/2	1/2	1/2
Dimensions H x W x D [mm]	1160 x 550 x 560	1160 x 550 x 560	1160 x 721 x 565
Weight [kg]	24	24	47
Materials	AISI 304 Stainless	AISI 304 Stainless	AISI 304 Stainless
Filter canister [liter]	1 x 8	1 x 8	2 x 8
Hydraulic hoses	2 x 5 m 1/2”	2 x 5 m 1/2”	2 x 5 m 1/2”



WP1-PX-750/1000/1500

COMPLETE SYSTEM FOR ENGINE LUBRICATION OIL

The WP1-PX-XXX system is used for cleaning of engine lubrication oil. This can be used instead of traditional purifier/separator, resulting in many savings and proven benefits. The system removes soot, particles, varnish, insoluble, oxidation residues and water in the system.

The filter system is used in the maritime business and other industries to obtain optimal operating reliability and longer lifetime for engines, and equipment.

The system comprises of a pump and motor unit together with a GreenOil deep filter element.

The pump continuously feeds the oil through the filter, where particles and combustion residues are removed. The oil then returns to the system.

All particle filtration is performed using the GreenOil range of filters. This results in having the cleanest possible oil ready for use, including for those applications having very sensitive systems or of high pressure type.

Filter insert is replaced without the use of tools, oil spill or physical contact with the oil.

Ideal for engine applications.

KEY FEATURES

- | Fully replace purifier/separator.
- | Easy and quick filter change without oil spill.
- | No tools required for filter replacement.
- | No physical contact with oil when replacing filter insert.
- | Complete unit in AISI 304 Stainless.
- | A low maintenance system with many benefits.

TECHNICAL DATA	WP1-P2-750	WP1-P1-1000	WP1-P1-1500
Filtered Oil Flow [l/h]	750-900	1000-1200	1300-1560
Oil Pressure In, max. [Bar]	1	1	1
Oil Suction Height [m]	6	6	6
Viscosity [cSt]	0-220	0-220	0-220
Power Supply [VAC-Hz]	3x440-50/60	3x440-50/60	3x440-50/60
Power Consumption [W]	710	825	900
Connections [“RG] (BSP)	1	1	1
Dimensions H x W x D [mm]	660 x 880 x 441	660 x 1150 x 441	660 x 1150 x 441
Weight [kg]	58	70	71
Materials	AISI 304 Stainless	AISI 304 Stainless	AISI 304 Stainless
Filter canister [liter]	3 x 8	4 x 8	4 x 8
Alarm	Option	Option	Option
Local/remote Start/stop panel	Standard Local Panel	Standard Local Panel	Standard Local Panel



WP2-A4-40/100/200/400

COMPLETE SYSTEM FOR LUBRICATION, HYDRAULIC AND GEAR OIL

KEY FEATURES

The WP2-H4-XXX system is used for cleaning of EALs, lubrication, hydraulic and gear oil. The system removes water, soot, particles, varnish and oxidation residues in the oil.

The filter system is used in the maritime business and other industries to obtain optimal operating reliability of the equipment and to extend the lifetime of oil.

Functions

This is a pressurized system comprising of two pumps and motor units together with a Green-Oil filter, a built in water separator and integral return tank.

The inlet pump continuously operates and removes the particles and water through filter element and water separator. The oil is then returned to the equipment via the outlet pump. The patented water separator is unique because the oil passes through and the water is separated by heated air. The process results in removing free, dissolved and bound water without damaging the oil properties.

The filter insert is replaced without the use of tools, oil spill or physical contact with the oil.

Ideal for EALs in thruster, stern tube and propeller applications.

- | Integrated oil filter and water separator.
- | Patented water separator removing free, emulsified and bound water down to 30 ppm.
- | Easy and quick filter change without oil spill.
- | No tools required for filter replacement.
- | No physical contact with oil when replacing filter insert.
- | A low maintenance system with many benefits.

TECHNICAL DATA	WP2-A4-40	WP2-A4-100	WP2-A4-200	WP2-A4-400
Filtered Oil Flow [l/h]	40-60	100-120	200-240	400-480
Oil Pressure In, max. [Bar]	1	1	1	1
Oil Suction Height [m]	6	6	6	6
Viscosity [cSt]	0-460	0-460	0-460	0-460
Power Supply [VAC - Hz]	110/230-50/60 and 3x400/440-50/60 Hz	110/230-50/60 and 3x400/440-50/60 Hz	110/230-50/60 and 3x400/440-50/60 Hz	110/230-50/60 and 3x400/440-50/60 Hz
Power Consumption [W]	340	370	570	1140
Connections [”RG] (BSP)	1/2	1/2	1/2	1/2
Dimensions H x W x D [mm]	750 x 644 x 420	750 x 644 x 420	750 x 644 x 420	750 x 939 x 420
Weight [kg]	54	54	55	70
Materials	AISI 304 Stainless	AISI 304 Stainless	AISI 304 Stainless	AISI 304 Stainless
Filter canister [liter]	1 x 8	1 x 8	1 x 8	2 x 8
Preheater	Option	Option	Option	Option
Alarm	Option	Option	Option	Option
Local Start/stop panel	Standard	Standard	Standard	Standard



WP2-H4-40/100/200/400

COMPLETE SYSTEM FOR PROPULSION SYSTEMS (EALs)

The WP2-H4-XXX system is used for cleaning of EALs, lubrication, hydraulic and gear oil. The system removes water, particles, varnish and oxidation residues in the oil.

The filter system is used in the maritime business and other industries to obtain optimal operating reliability of the equipment and to extend the lifetime of oil.

Functions

This is a pressurized system comprising of two pumps and motor units together with a Green-Oil filter, a built in water separator and integral return tank.

The inlet pump continuously operates and removes the particles and water through filter element and water separator. The oil is then returned to the equipment via the outlet pump. The patented water separator is unique because the oil passes through and the water is separated by heated air. The process results in removing free, dissolved and bound water without damaging the oil properties.

The filter insert is replaced without the use of tools, oil spill or physical contact with the oil.

Ideal for EALs in thruster, stern tube and propeller applications.

KEY FEATURES

- | Integrated oil filter and water separator.
- | Patented water separator removing free, emulsified and bound water down to 30 ppm.
- | Easy and quick filter change without oil spill.
- | No tools required for filter replacement.
- | No physical contact with oil when replacing filter insert.
- | A low maintenance system with many benefits.

TECHNICAL DATA	WP2-H4-40	WP2-H4-100	WP2-H4-200	WP2-H4-400
Filtered Oil Flow [l/h]	40-60	100-120	200-240	400-480
Oil Pressure In, max. [Bar]	1	1	1	1
Oil Suction Height [m]	6	6	6	6
Viscosity [cSt]	0-460	0-460	0-460	0-460
Power Supply [VAC - Hz]	110/230-50/60 and 3x400/440-50/60 Hz	110/230-50/60 and 3x400/440-50/60 Hz	110/230-50/60 and 3x400/440-50/60 Hz	110/230-50/60 and 3x400/440-50/60 Hz
Power Consumption [W]	340 + 1600	370 + 1600	570 + 3200	1140 + 3200
Connections [”RG] (BSP)	1/2	1/2	1/2	1/2
Dimensions H x W x D [mm]	750 x 644 x 420	750 x 644 x 420	750 x 644 x 420	750 x 939 x 420
Weight [kg]	60	60	61	110
Materials	AISI 304 Stainless	AISI 304 Stainless	AISI 304 Stainless	AISI 304 Stainless
Filter canister [liter]	1 x 8	1 x 8	1 x 8	2 x 8
Preheater	Standard 1600 W mounted on system	Standard 1600 W mounted on system	Standard 3200 W loose supplied	Standard 3200 W loose supplied
Alarm	Option	Option	Option	Option
Local Start/stop panel	Standard	Standard	Standard	Standard



WP2-X3-40/100

COMPLETE SYSTEM FOR LUBRICATION, HYDRAULIC AND GEAR OIL

The WP2-X3-XX system is used for cleaning of EAL bio, lubrication, hydraulic and gear oil. The system removes water, particles, varnish and oxidation residues in the oil.

The filter system is used in the maritime business and other industries to obtain optimal operating reliability of the equipment and to extend the lifetime of oil.

Functions

This is a pressurized system comprising of two pumps and motor units together with a Green-Oil filter, a built in water separator and integral return tank.

The inlet pump continuously operates and removes the particles and water through filter element and water separator. The oil is then returned to the equipment via the outlet pump. The patented water separator is unique because the oil passes through and the water is separated by heated air. The process results in removing free, dissolved and bound water without damaging the oil properties.

The filter insert is replaced without the use of tools, oil spill or physical contact with the oil.

Ideal for thrusters, stern tube systems and propeller applications.

KEY FEATURES

- | Integrated oil filter and water separator.
- | Patented water separator removing free, emulsified and bound water down to 30 ppm.
- | Easy and quick filter change without oil spill.
- | No tools required for filter replacement.
- | No physical contact with oil when replacing filter insert.
- | A low maintenance system with many benefits.

TECHNICAL DATA	WP2-A3-40	WP2-A3-100	WP2-H3-40	WP2-H3-100
Filtered Oil Flow [l/h]	40-60	100-120	40-60	100-120
Oil Pressure In, max. [Bar]	1	1	1	1
Oil Suction Height [m]	6	6	6	6
Viscosity [cSt]	0-460	0-460	0-460	0-460
Power Supply [VAC - Hz]	110/230-50/60	110/230-50/60	230-50/60	230-50/60
Power Consumption [W]	340	370	340 + 1600	370 x 1600
Connections [“RG] (BSP)	1/2	1/2	1/2	1/2
Dimensions H x W x D [mm]	727 x 376 x 329	727 x 376 x 329	727 x 462 x 329	727 x 462 x 329
Weight [kg]	37	37	40	40
Materials	AISI 304 Stainless	AISI 304 Stainless	AISI 304 Stainless	AISI 304 Stainless
Filter canister [liter]	1 x 8	1 x 8	1 x 8	1 x 8
Preheater	Option	Option	Standard	Standard
Alarm	Option	Option	Option	Option
Local/remote Start/stop panel	Standard Local panel	Standard Local panel	Standard Local panel	Standard Local panel



WP2-X3-40/100 Mobile

COMPLETE MOBILE SYSTEM FOR MAINTENANCE

The WP2-X3-XX Mobile system is used for cleaning of EAL bio, lubrication, hydraulic and gear oil. The system removes water, soot, particles, varnish and any insolubles in the oil.

The filter system is used in the maritime business and other industries to obtain optimal operating reliability of the equipment and to extend the lifetime of oil.

Functions

This is a pressurized system comprising of two pumps and motor units together with a Green-Oil filter, a built in water separator and integral return tank.

The inlet pump continuously operates and removes the particles and water. The oil is then returned to the equipment via the outlet pump. The patented water separator is unique because the oil passes through and the water is separated by heated air. The process results in removing free, dissolved and bound water without damaging the oil.

The filter insert is replaced without the use of tools, oil spill or physical contact with the oil.

Ideal for thrusters, stern tube systems and propeller applications.

KEY FEATURES

- | Integrated oil filter and water separator.
- | Patented water separator removing free, emulsified and bound water down to 30 ppm.
- | Easy and quick filter change without oil spill.
- | No tools required for filter replacement.
- | No physical contact with oil when replacing filter insert.
- | A low maintenance system with many benefits.

TECHNICAL DATA	WP2-A3-40 Mobile	WP2-A3-100 Mobile	WP2-H3-40 Mobile	WP2-H3-100 Mobile
Filtered Oil Flow [l/h]	40-60	100-120	40-60	100-120
Oil Pressure In, max. [Bar]	1	1	1	1
Oil Suction Height [m]	6	6	6	6
Viscosity [cSt]	0-460	0-460	0-460	0-460
Power Supply [VAC - Hz]	110/230-50/60	110/230-50/60	230-50/60	230-50/60
Power Consumption [W]	340	370	340 + 1600	370 x 1600
Connections [“RG] (BSP)	1/2	1/2	1/2	1/2
Dimensions H x W x D [mm]	1150 x 500 x 600	1150 x 500 x 600	1150 x 500 x 600	1150 x 500 x 600
Weight [kg]	40	42	45	47
Materials	AISI 304 Stainless	AISI 304 Stainless	AISI 304 Stainless	AISI 304 Stainless
Filter canister [liter]	1 x 8	1 x 8	1 x 8	1 x 8
Preheater	Option	Option	Standard	Standard
Local/remote Start/stop panel	Standard	Standard	Standard	Standard
Hydraulic hoses	2 x 5 m 1/2”	2 x 5 m 1/2”	2 x 5 m 1/2”	2 x 5 m 1/2”