

Data sheet Oil filter unit WP2-A3-200

Oil filter unit with suction and pressure pump

The WP2-A3-200 system is used for continuous off-line filtration of engine, transmission and hydraulic oils. The equipment is used widely in the maritime business and in the industry to obtain optimal operating conditions and longer lifetimes for engines, equipment and plants.

WP2 has no restrictions in installation and may pressure feed the oil return to 5 BAR.

Functions

Basically the system consists of a pump, a GreenOil filter, a water separating unit, a oil return pump and the necessary electrical controls. The WP2 operates independently of the engine or the hydraulic plant to which it is connected.

The build-in pump continuously feeds the

oil through the filter insert, after which the oil is led through the water separating chamber. A built-in oil level container maintains correct pressure in the water separator. The oil is returned to the installation by the outlet pump.

The patented water separator is unique, because the oil passes a process during which it is dried by heated air. The process removes free and dissolved water without damaging the oil by direct heating. Continuous cleaning completely removes all water. The water is extracted from the system as steam.



STANDARD®

KEY FEATURES

- Integrated oil filter and water separator with feed and return pump.
- The system removes particles and separates free, emulsified and bound water from engine, transmission and hydraulic oils.
- Water separation down to 40 ppm.
- Different Filter inserts are available for engine, transmission or hydraulic oils.
- Easy and quick filter insert change without oil spillage.
- Filter unit in AISI 304 stainless steel

Technical data	
Oil Pressure In	Maximum 1 BAR
Oil Suction Height	4-6 m
Oil Pressure Out	0-5 BAR
Filtered Oil Flow	180 —230 litres/hour
Viscosity	20-220 cSt
Power Supply	230VAC 50/60 Hz
Power Consumption	750 W
Fittings	Inlet ½" RG, Outlet ½" RG (BSP)
Dimensions	H x W x D: 730 x 520 x 350 (incl. drip tray)
Weight	41 Kg
Materials	Filter canister and chassis: AISI 304 Stainless.