

Data sheet Water Separator unit WSP-60

Water separator unit with suction pump



The WSP-60 system is used for continuous water separation of lubricating, 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.

The WSP-60 is used for removing water in pressure-free oil sumps and tanks.

Functions

Basically the system consists of a pump, and a water separating unit.

The WSP-60 operates independently of the engine or the hydraulic plant to which it is connected. The build-in pump continuously feeds the oil to the water separating chamber.

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.

Note:

WSP-60 must be installed above the oil surface of the tank or sump as the oil must be able to return unaided to the oil reservoir after the water separation process.

Technical Data	
Oil Pressure In	Maximum 1 BAR
Oil Suction Height	4-6 m depending on viscosity and temperature
Oil Pressure Out	Free oil return to tank or sump
Oil Flow	50-60 litres/hours
Viscosity	20-320 cSt.
Power Supply	230VAC
Power Consumption	250 W
Hose Fittings	Inlet 1/4" RG, Outlet 3/4" RG (BSP)
Dimensions	H * W * D: 296 * 305 * 224
Weight	9 Kg
Materials	Chassis: AISI 304 Stainless. Bottom assembly: Sea water resistant aluminium

STANDARD® KEY FEATURES

- The system separates free and dissolved water from lubricating, transmission and hydraulic oils.
- Water separation down to 40 ppm.
- Stainless chassis.
- Water Separator unit must be installed above Oil level.