



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 |