



THE MOST RELIABLE SEALING SYSTEM: PRIMAIR

PRIMAIR is a very advanced sealing system. 'Air Seal' technology physically separates the stern tube oil from the sea via an air space and has a drain line back to the engine room to drain leaked fluids and prevent cross contamination in event of a seal ring failure.

Variable air pressure

The PRIMAIR system works based on 'Constant Air Flow/Variable Pressure'- technology. This system is engineered to discharge air through the seal box. The air pressure varies while the air flow is stable.

The air pressure will vary to keep in sync with the outside seawater pressure (SW pressure will vary not only with vessel draft but also wave conditions, i.e. swells).

Reducing wear on seal ring and liner

The variable pressure method maintains a perfect pressure balance inside the seal box. This perfect pressure balance prevents flexing of the seal ring thereby reducing stress on the seal ring material. It also reduces wear on the seal ring and chrome steel liner because the pressure on the seal rings is lower than within a conventional system. This combination greatly improves seal reliability.

PRIMAIR meets the VGP law requirements even when using conventional lubricants.

NOTE

AEGIR-Marine can supply spares suitable for existing systems or retrofit your existing system using PRIMAIR in the most cost-effective way.