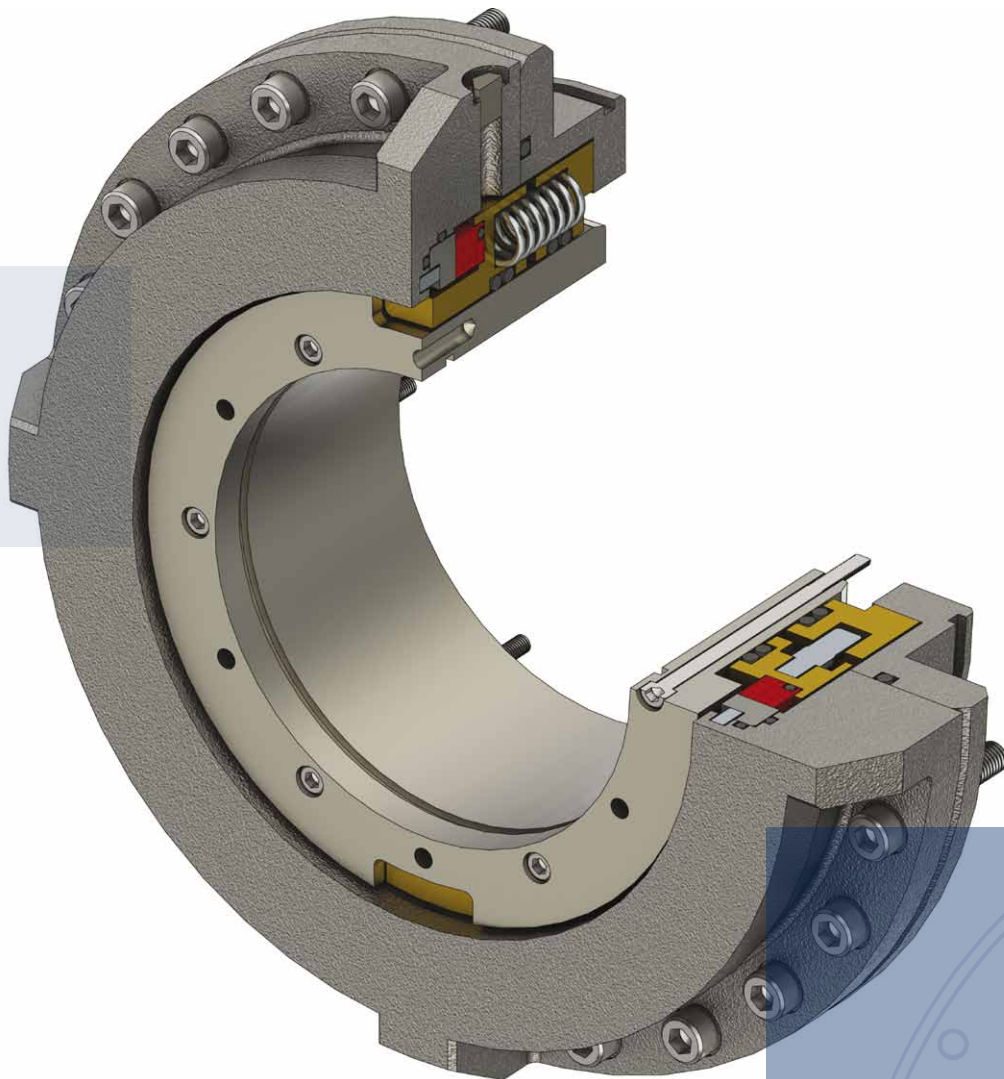




STONE MARINE  
SEALS

# EcoSeal T



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# STONE MARINE SEALS

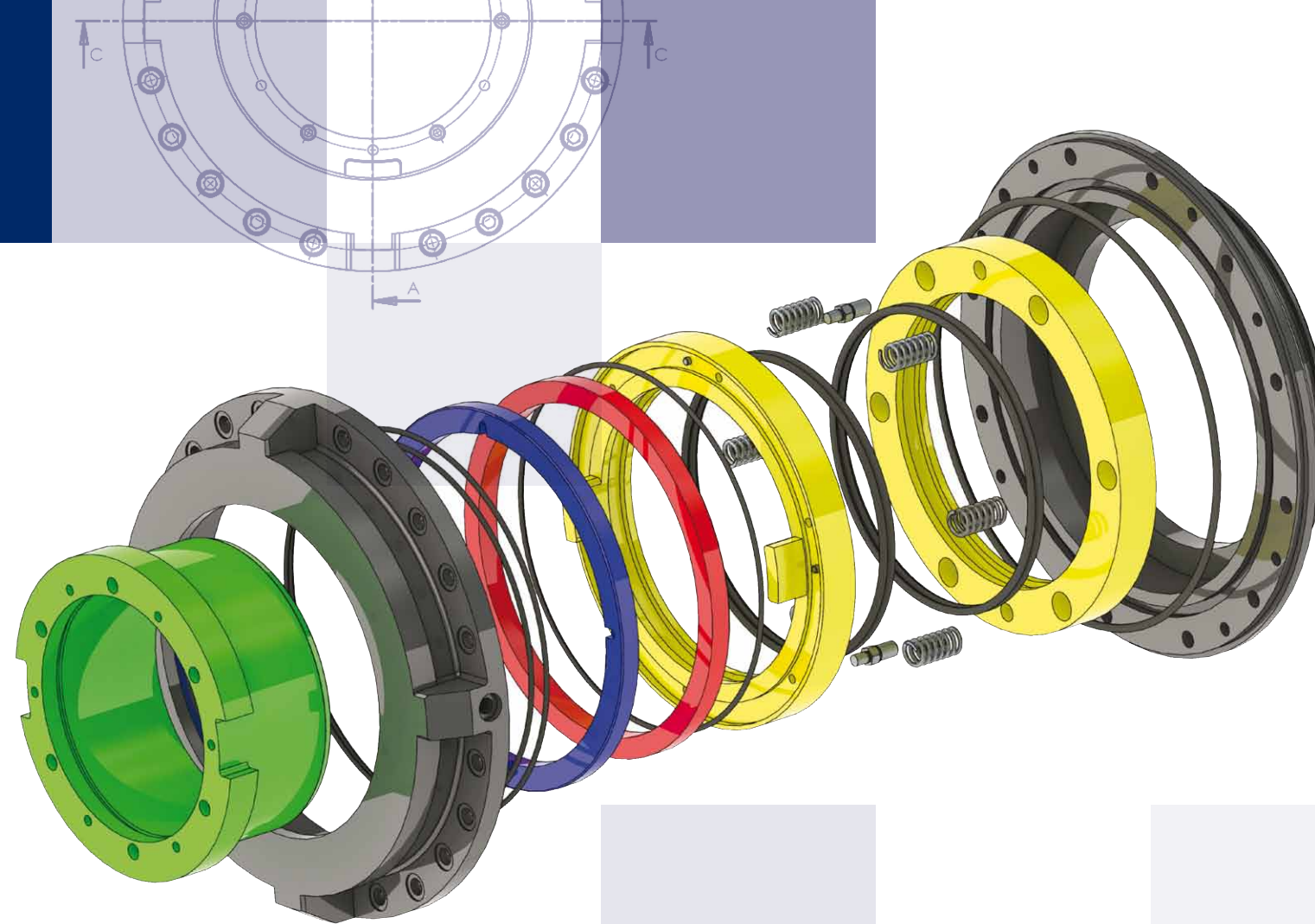
## EcoSeal T

A compact and reliable seal which utilises the latest materials and is tested to ensure a long service life; even working in the harshest of environments.

Specifically designed for the thruster and Azi-pod markets, the EcoSeal T has a double barrier configuration that can be effectively used in conjunction with a vent and drain or air pressure system; thus providing confidence in this highly demanding area of seal operation.

The EcoSeal T's operational parameters allow the seal to take high temperatures, speeds, deep draughts and Bio-Oils in its stride.

Installation can be in cartridge form for ease and speed; keeping service costs low.



## Benefits

As with our standard EcoSeal range, the EcoSeal T has numerous benefits compared to a standard lip seal:

- No leakage to the surrounding environment
- No parts rotate against the sleeve liner
- Option to retrofit onto existing liner
- Option to adjust seal interface pressure from inboard the vessel
- The design compensates for any thermal expansion, hydraulic pumping or axial movement of the propeller shaft
- Tested to 50M depth
- Fully compatible with environmentally acceptable lubricants (EAL's)

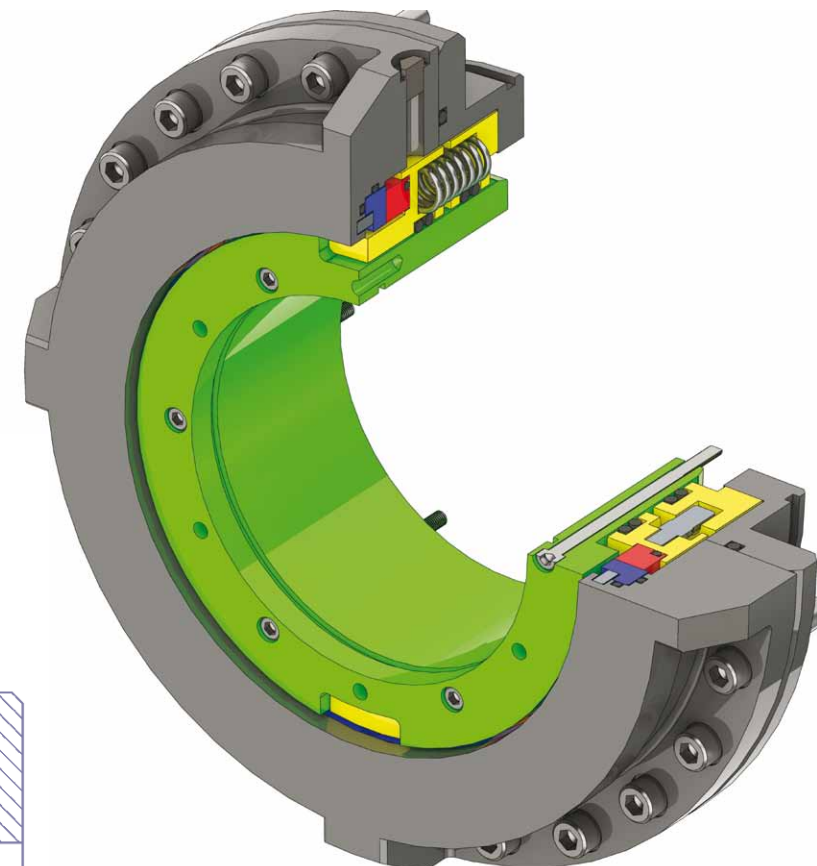
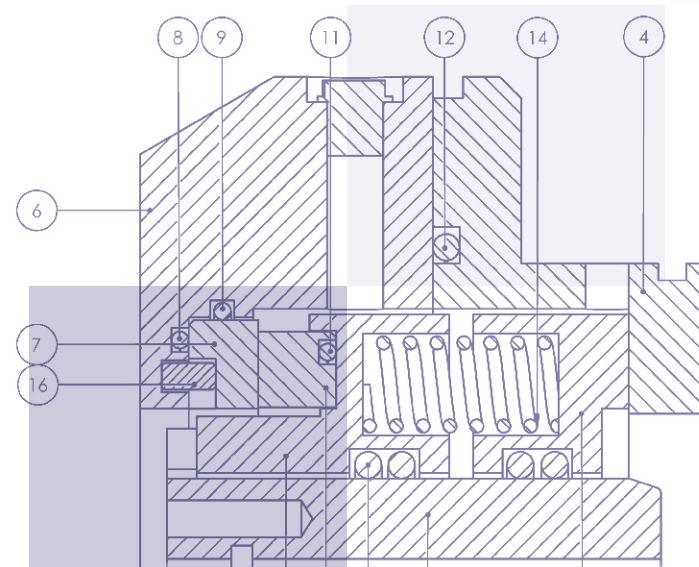


## EcoSeal TS

A split version of our standard EcoSeal T; allowing for an easy retrofitting solution of the more common lip type seals today:

- Simplex Compact Seals (SKF)
- Lips Seals (Wartsilla)
- Lagersmit (Ex. IHC)

Retrofitting of these seals can be carried out utilising the old seal liners, removing one of the more costly elements of service to the owner.



## Company Profile

Stone Marine Seals are specialists in the design and manufacture of marine stern tube sealing systems.

Our seals are used in many applications including Fixed (FPP) and Controllable (CPP) pitch main propulsion units or as part of a thruster system.

The company is based at the group's United Kingdom facility where their own team of research and development engineers are based.

## Bio-Oil Friendly

Vessels operating in various sensitive areas where Bio-Oils are a requirement will benefit from the EcoSeal T sealing solutions. These double barrier seals will work without compromise to their performance when using Bio-Oils.



Stone Marine Seals is a member of the Stone Marine Group of companies,  
which is itself part of Langham Industries.

The Stone Marine Group is among the world's leading companies in ship propeller and stern gear design, manufacture, service and repair. The Group is a truly worldwide operation with bases in the UK, Namibia and South Africa. Propeller design and manufacture is undertaken for vessels of all sizes and types. The Groups maintenance and service companies have highly trained and experienced engineers on standby, 24 hours a day, 365 days a year, to attend any vessel in need of assistance wherever it might be located.



STONE MARINE  
GROUP



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SERVICES



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SHIPCARE



STONE MARINE  
PROPULSION



BRUNTONS  
PROPELLERS

**More details of the Stone Marine Group companies and their  
activities can be found on the Group website at  
[www.stonemarine.co.uk](http://www.stonemarine.co.uk)**



STONE MARINE  
SEALS

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