



LEO MARITIME

ENVIRONMENTALLY CONSCIOUS TECHNOLOGIES  
IN PARTNERSHIP WITH



*LegaSEA*®

Products & Services



# Our companies are committed to making a difference

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We provide first-class service and products that are kinder to our oceans, as well as enhancing the performance of vessels that sail on them.

We believe that making the change to less harmful solutions shouldn't be more expensive and it is our mission to offer not only competitive prices but also make significant long term savings in operational costs after switching.





# Our solutions



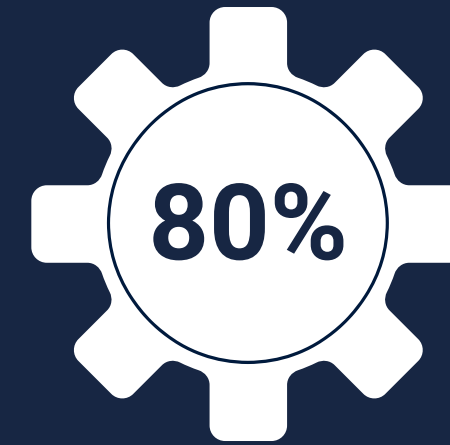


# Reduce unplanned downtime, cut waste oil in half

We supply real time oil performance monitoring solutions, providing visibility to customers' critical machinery.

This generates root-cause analysis, actionable recommendations and makes maintenance operations proactive.

Minimise unexpected downtimes, reduce frequency of physical sampling, save in costs and cut waste oil streams in half.



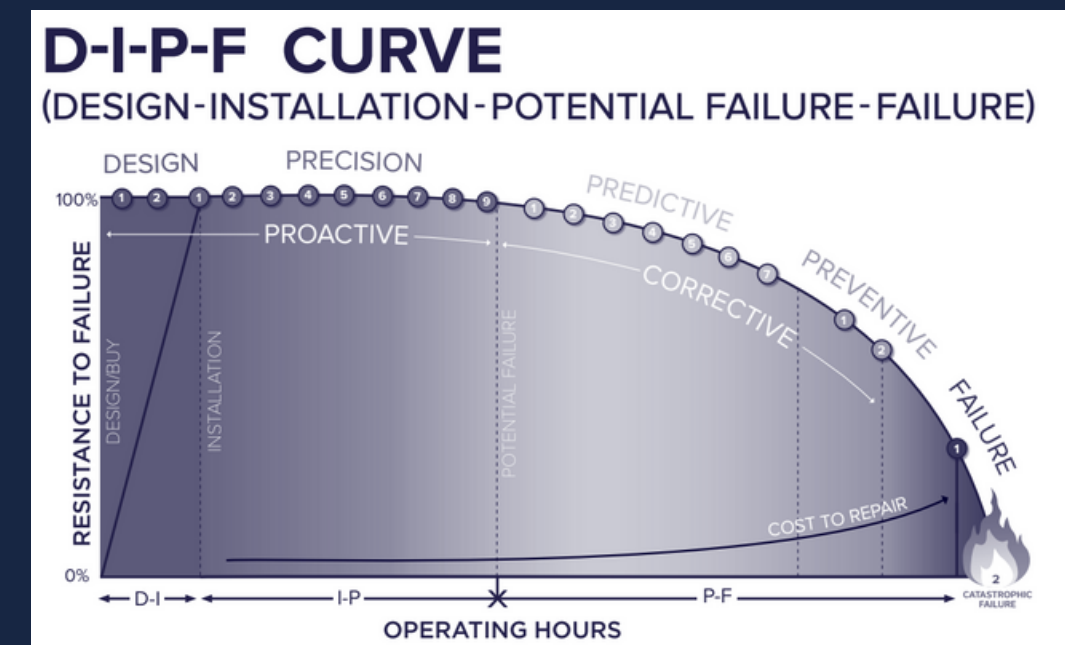
of machine failures are oil related



Wasted oil from unnecessary oil changes

## D-I-P-F CURVE

(Design - Installation - Potential failure - Failure)







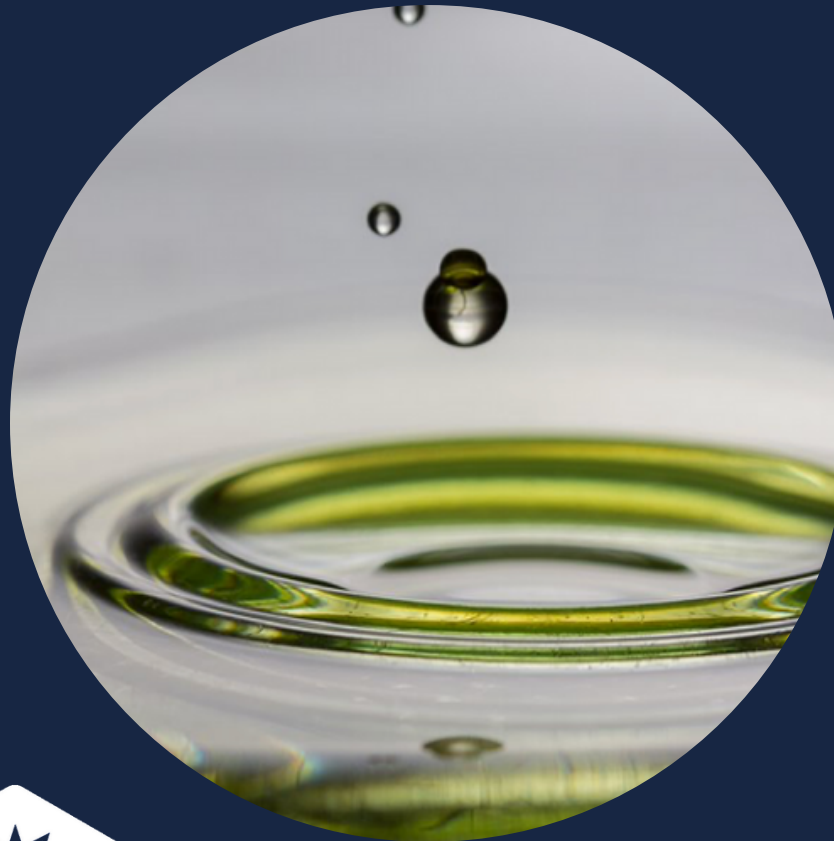
# Reduce Lubricating Oil Consumption in ALL Machinery

*Renovate existing lubricants, reuse and reduce.*

Using a Fine Filtration Unit (FFU) – bring lubricating oil back to as new condition. Remove particles down to 1 micron (3 absolute) and remove 99.95% of all water.

## Benefits:

- Minimise waste disposal now
- Extend standard filter life safely
- Eliminate water and particle contamination
- Avoid prosecution from unseaworthy claims
- Reduce downtime from oil related breakdowns
- Easy way to extend engine oil life up to 5 times
- Proven method to extend hydraulic oil up to 10 times
- Easy to operate during use therefore minimising down time
- Simple way to reduce engine and component wear and replacement costs





# Environmentally friendly fuel conditioner

*Reduce emissions, stabilise and improve fuel efficiency.*

Most concentrated surfactant/dispersant, for use in any kind of residual or distillate fuels (1 litre for 55 tons of fuel).

## Main purpose:

- Homogenise fuel
- Clean and protect engine components
- Maximise energy potential
- Minimise emissions
- Solve fuel-related problems before, during and after combustion



## Case Study: Cost Saving

Application: Sludge Dispersant.  
Traditional sludge removal annual cost per vessel/ship : \$30,000 USD  
Cost of fuel treatment per vessel/ship: \$6,000 USD.  
Saving: \$24,000 USD annually per vessel/ship.

*Client has 25 vessels under regular fuel treatment.*

Fuel Conditioner enables fuel to deliver more power and efficiency, more sustainably.

## It is 4 products in 1:

- Sludge Dispersant
- Microbial Growth Inhibitor
- Fuel Stabiliser
- Combustion Improver





# Eliminate toxic wash off with Environmentally Acceptable Lubricants (EALs)

## We supply:

- High performance environmentally friendly lubricants
- Extensive range of Environmentally Acceptable Lubricants (EALs) for marine, oil & gas
- Unique sustainable technology, environmentally friendly, regulatory compliant
- High performance with corrosion prevention and protection properties



## For use on:

- wire ropes
- chain splash zone
- rudder/thruster bearings
- hatches
- crane wires
- winches
- void spaces
- corroded surfaces
- general maintenance





# Our services







# 100% Recyclable SPS technology for repairs



We supply and consult on SPS Technology projects. The structural composite material comprises of two metal plates bonded with a solid polyurethane elastomer core.

The technology is approved as a permanent class approved repair by all major regulatory authorities.

SPS is much simpler with a faster installation time over stiffened steel plate. The SPS can be installed to meet your design criteria. It has a low carbon footprint and is 100% reusable/recyclable.







# Sustainable interior refitting

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Accomplished partnerships in technical and interior refits, engineering and designing turn-key solutions. Executing retrofit projects, complex and tailored conversions, in remote areas for demanding customers worldwide.

Fast, responsive and flexible, the services available are:

- Bespoke interior design
- 3d & 2d interior design
- 3d & 2d furniture concepts
- 3d scanning
- Space planning
- 3d visualisation

Reference list available for complete outfitting of restaurants, theatres, casinos, cabins etc. on all kinds of floating fleet, including offshore structures.





# VAST

Leo Maritime and LegaSEA are keen to include any products or services that we feel provide added value.

Our "Value Added Sustainable Technology" or "VAST" initiative allows us to do just that.

We highlight products or services that complement our client's current focus, above and beyond our standard service.







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## Contact us

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