



LEO MARITIME

ENVIRONMENTALLY CONSCIOUS TECHNOLOGIES
IN ASOCIATION WITH



LegaSEA®

Products & Services

Contents

• About us	Page 3
• Oil condition monitoring	Page 6
• Oil filtration	Page 7
• Fuel conditioning	Page 8
• Lubricants	Page 9
• SPS Technology	Page 11
• Interior refitting	Page 12
• VAST initiative	Page 13
• Contact us	Page 14



Leo Maritime and Legasea are committed to making a difference

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.





How can we help?

With pressure mounting from consumers, as well as governing bodies, it has never been a better time to make a change for good.

We are here to supply solutions from specialists who want to make a difference.

All proven, environmentally friendly, high performance, compliant and budget friendly products compared to traditional alternatives.



Our solutions

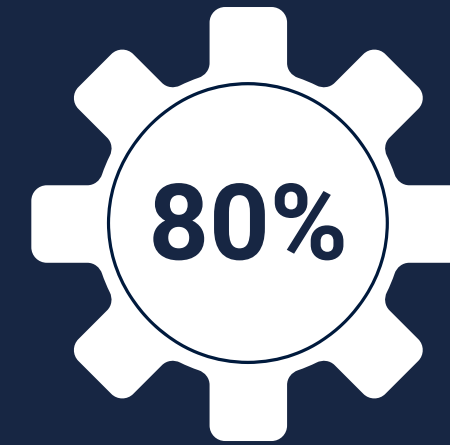


Reduce unplanned downtime, cut waste oil in half

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.



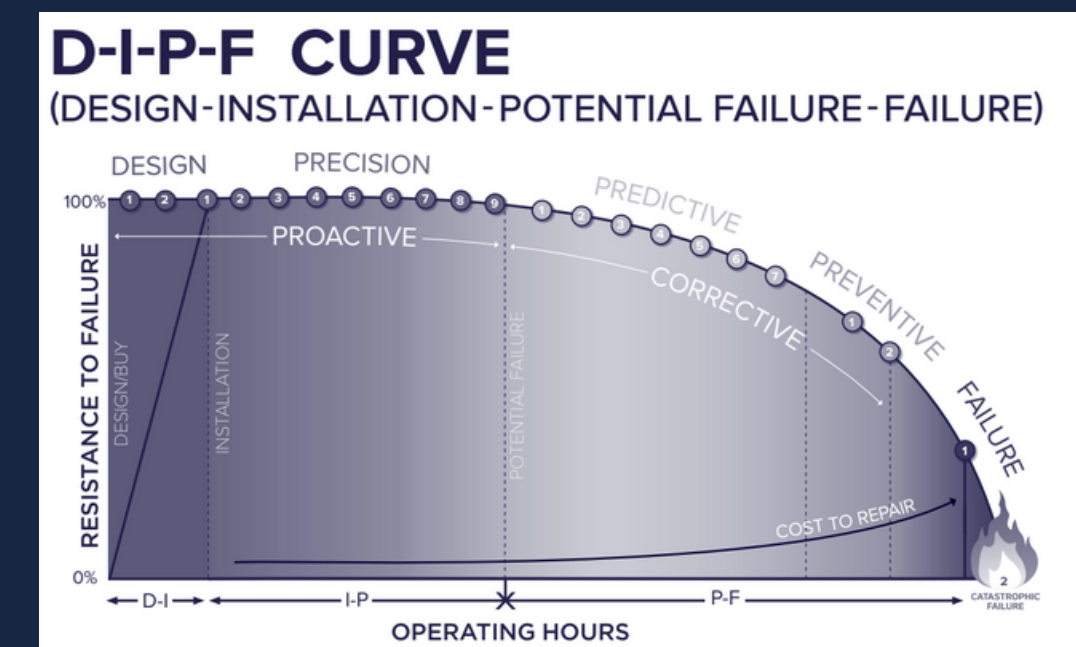
Machine failures
are oil related



Wasted oil mean
unnecessary oil changes

D-I-P-F CURVE

(Design - Installation - Potential failure - Failure)





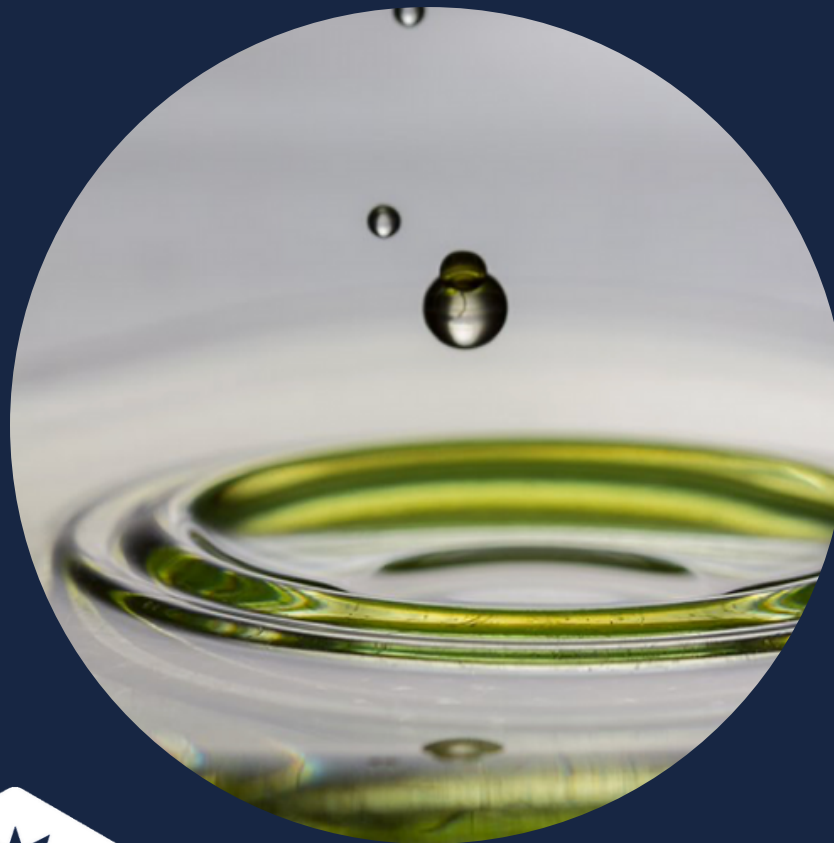
Reduce lubricating oil consumption in ALL machinery

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 99.6% 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

100% vegetal-organic, ashless and metal-free. It is also the most concentrated surfactant/dispersant, for use in any kind of residual or distillate fuels (1 litre for 55 tons of fuel).

Main purposes:

- Homogenise the fuel
- Clean and protect engine components
- Maximise the 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. No
need for sludge removal
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
- hatches
- crane wires
- rudder/thruster bearings
- 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.





Sustainnable interior refitting

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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