

The Marine Lubrication Approach to Support Shipping's Decarbonization Goals

[continued from blog piece]

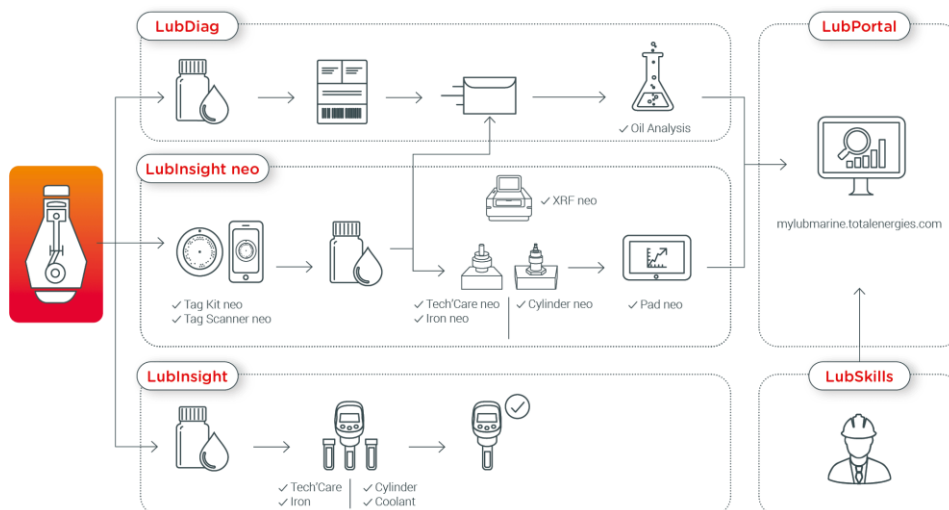
Supporting Shipping with Digital Lubrication Solutions

But it is not just from a marine lubrication perspective that we are supporting our shipping customers.

In tandem with lubricant innovations and developments, we are designing and delivering a growing range of digital tools to enable closer monitoring and understanding of the engine and lubricant performance, whilst reducing the impact of our own lubrication solutions and providing data about this impact.

As an example, we have developed a comprehensive, digital services offer to ship owners and operators, increasing reliability, accuracy and reporting of lubricant condition testing and assessments.

These full suite of digital [services](#) combine with the expertise and knowledge of our Marine Lubricant Engineers (MLEs) allowing customers to manage lubricant condition analysis from a single source responsible for retrieving, storing and sharing results from both on-board and laboratory analysis.



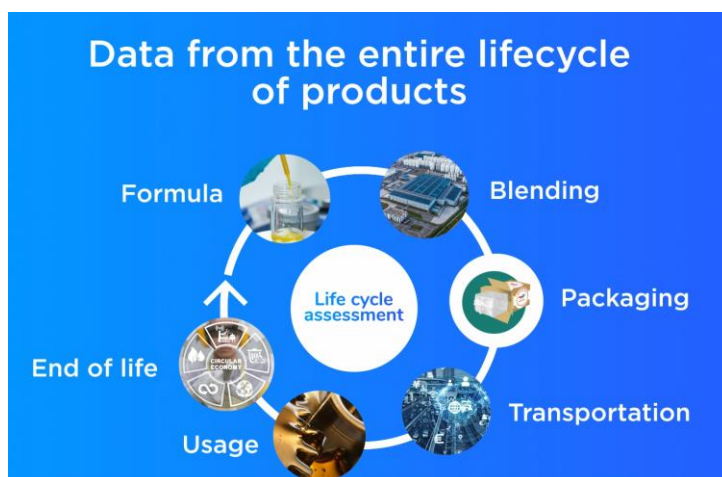
Through the 'My Lubmarine Monitor' owners and operators can access:

- A vessel's overview and lubrication chart
- Samples management
- Equipment monitoring based on used oil condition
- On board tests and lab analysis results and drain oil reports
- Support from Lubmarine's technical team

This is combined with the new LubInsight neo kit that simplifies the lubrication oil process with step-by-step guidance, increased reliability, accuracy and frequency of lubrication oil testing and comprehensive data generation enabling more accurate collaborative decision making.

We have also implemented internally a platform gathering several digital tools to assess and reduce the environmental footprint of our products. The first tool, represents a critical step in building greater knowledge of the environmental footprint of our solutions. Using the standardized method (ISO 14040/44), and checked by our peer companies and validated by Bureau Veritas, we can now evaluate, in a cradle to grave approach of the scope 1, 2 and 3, the related emissions of our lubricants from raw materials sourcing through to manufacturing, delivery and end of life management. This thorough environmental footprint calculation may support our customers to assess their own, lubricant related footprint, on a case-by-case basis.

The second key element in our strategy is our Eco-design tool, available to our engineers, which allow them to decrease the CO2 emissions of our lubrications solutions, supporting our customers in their own decarbonation journey.



A More Complex Shipping Market Will Need More Specialist Solutions

The marine lubrication market is going to be an increasingly challenging space with multiple drivers shaping the global shipping sector. Lubmarine is rising to these challenges through collaboration, expertise, research, development and investment to create a range of specialist solutions – both physical and digital - to support shipping’s decarbonization journey.