



marine lubricants

### Marine Lubricants & Lubrication Services

Over the last decade, The Lubricant Company has become one of the leading providers of lubricants and lubrication services to the Marine Industry.

### Providing Lubricants, Services & Solutions...

We are able to recommend and supply world class marine lubricants to ports throughout the UK. We also provide a range of services aimed at reducing your costs and improving profit margins.

We offer a 'Total Fluid Management' solution to help reduce your lubrication costs and extend the life of your equipment.

### Reliable Service & Fast Delivery...

We appreciate that in the marine industry, the key to your efficiency is ensuring we stock the right products and are able to deliver on time.

With our strategically placed depots and our fleet of delivery vehicles, we provide a fast and efficient logistics service.

### Superior Quality Products...

We understand that reducing oil consumption and increasing oil-drain intervals are important factors.

We work with the world leaders in lubricant production, and can supply you with quality products, that will ensure downtime is reduced and production is increased.

### Technical Expertise...

We've built a vast wealth of knowledge and expertise in the marine industry, ensuring we can efficiently deal with any technical issues or questions you may have.



### Reduce Maintenance Costs and Improve Reliability with STAR Marine Oil Analysis

STAR is one of today's most advanced condition monitoring programmes, designed to generate substantial operational and financial benefits for you.

STAR provides a programme of Service, Testing, Analysis and Response. Delivering up-to-date trend analysis, and regular custom-designed action reports that enable easy implementation.

### Benefits of STAR Marine Oil Analysis

The early detection of lubricant degradation, destructive contaminants and potential equipment failure will avoid costly fleet downtime. Considerable cost savings can be made through the prevention of lost production and reduced maintenance costs.

We are independent of all oil companies and have unique service-based audit processes and reporting programmes to optimise your oil life, improve the overall performance of your machine life and implement action plans.

**ExxonMobil**  
*Marine Lubricants*

 **The Lubricant Company**  
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### **Routine Machinery Testing**

- Engine Oils
- Main Engine System Oil
- Main Engine Cam-Shaft
- Main Engine Cylinder Oil
- Generator (auxiliary) Engines
- Emergency Generators

These systems are normally covered by a standard engine oil analysis test-suite:

*Visc 40 °C and 100 °C – ICP – Soot % - Flash Point – Water % - Base Number*

Additional testing can be carried out as required, usually including...

### **Hydraulic Oils**

- |                          |                 |
|--------------------------|-----------------|
| Steering gear systems    | Stern Thrusters |
| Winch Hydraulics         | Deck Cranes     |
| Control Pitch Propellers | Ramp Hydraulics |
| Remote Control Valves    | Hatch Covers    |
| Bow Thrusters            |                 |

These systems are normally covered by a standard hydraulic oil analysis test suite:

*Visc 40 °C – ICP – ISO - Appearance - Oxidation - Acid number - Water %*

### **Asphaltenes Analysis**

We measure asphaltenes using an in-house method developed over a number of years.

It is important to measure these for systems using heavy fuel oils, as asphaltenes are solids that can precipitate out of the oil, plus they are abrasive and can cause wear and can block filters.



### **Gear Oils**

- Main Engine reduction gear
- Stern Tube
- Transmissions
- Bearings
- Turbocharger
- Gear Winch

These systems are normally covered by a standard gear oil analysis test-suite:

*Visc 40 °C – ICP – PQ - Appearance – Water %*

Additional testing can be carried out as required, usually including...

### **Oxidation Analysis**

There is a requirement by some classification societies to include the analysis of the stern tube oil's oxidation. This is performed as an extra test as and when required, and is analysed by FTIR.

### **Thermal Oils**

- Primary and secondary boilers.
- Visc 40 °C – ICP – Carbon Residue - Appearance – Water % - Acid Number – Flash Point*

marine oil analysis



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**0800 056 3910**

[www.thelubricantcompany.co.uk](http://www.thelubricantcompany.co.uk)  
[info@thelubricantcompany.co.uk](mailto:info@thelubricantcompany.co.uk)