



MARINE

High performance marine grease
Innovating for tomorrow




INNOVATIVE AND UNIQUE GREASE THICKENER TECHNOLOGY CREATING UNPARALLELED LEVELS OF PERFORMANCE AND STABILITY

The inherent environmental properties of our new BioMarine range allow the greases to exceed the EPA's (Environmental Protection Agency) requirements meaning they are VGP (Vessel General Permit) Compliant.

The range has also been granted the EU Ecolabel, "The Official EU Mark for Greener Products", guaranteeing the lowest level of impact on the environment whilst maintaining high technical performance.

The range, including Multi Purpose, Extreme Pressure and Sprayable greases, offers:

- Measurably higher stability across a wide temperature range versus traditional greases. This leads to consistency across all seasons and climates eliminating the need to change grease grades as conditions change
- 75% to >90% renewable content, reducing carbon footprint and increasing sustainability
- No potentially eco-toxic additives which might leach out over time and concentrate in the environment
- Good inherent EP – there is no risk of incompatibilities and no compromise between EP and other performance properties
- Excellent inherent anti-wear



BIOMARINE

HIGH PERFORMANCE

MARINE LUBRICANTS THAT DON'T HARM THE ENVIRONMENT

REDUCE OPERATING COSTS AND
IMPROVE EQUIPMENT LIFE

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THE BIOMARINE RANGE

The BioMarine range enables optimum equipment performance in the tough marine environment due to its high resistance to:

Clareguard BioMarine MP	A multipurpose biodegradable grease for marine applications
Clareguard BioMarine EP	Biodegradable marine grease for high load bearing and extreme pressure applications
Clareguard BioMarine SP 00	Biodegradable marine grease in a sprayable format



Salt Water
resistant



Humidity
resistant



Dust
resistant



High temperature
variations
resistant



High shock loads
and vibrations
resistant

THE WHOLE PACKAGE

INNOVATIVE AND COST-EFFECTIVE LUBRICANTS AND SUPPORTING PRODUCTS

Marine equipment is subjected to an extreme environment where the highly corrosive salty atmosphere can be compounded by severe variations in temperature. Moving parts can often be in the splash-zone and operating with heavy loading. Lubricants used in such conditions need to be designed to protect equipment with all these factors in mind.

RS Clare offers a full range of marine greases that give ship owners and offshore operators lifetime cost savings, in terms of reduced equipment downtime, longer re-lubrication intervals and trouble-free operation.

IN ADDITION TO THE BIOMARINE RANGE, WE ALSO OFFER THE FOLLOWING MARINE LUBRICANTS:

Waterguard (SW2-LF)	A variety of applications where water wash-off and salt water corrosion are an issue
Open Gear 2000	A high performance grease for mining and quarrying applications e.g crane hoist gears
BRB LEM	Suitable for bearings operating at moderate to high speed
High Load	Anti-friction and plain bearings of moderate speed and especially large diameter slow speed bearings



BENEFIT FROM A CENTURY OF EXPERIENCE



KEY



**Agent/Distributor/
Technical Sales Office**

- RS Clare have been developing greases with major multinational companies for almost one hundred years
- We can make many products not mentioned here – simply tell us your requirements and we will work with you to create a solution
- You benefit from the support of a world class technical department and a global supply chain
- We have unique expertise in developing environmental-friendly lubricants
- We are founder members of the European Ecolabel development project

INNOVATION AND SUPPORT SERVICES

RS Clare has one of the industry's largest technical teams focussed on grease R&D, with a combined 215 years' experience in lubricant chemistry. We have a long history of developing products specific to the challenges faced by our customers. If you have a problem that needs solving, our team are ready for the challenge.

Our manufacturing and research centre is headquartered in Liverpool, UK and we have technical sales staff in the UAE and Singapore. We are supported by a team of agents and distributors covering many parts of the world and expanding.

**See our website to contact your local
supplier: www.rsclare.com/marine**

Be it ISO 9001 or ISO 14001, we at RS Clare believe in the pursuit of excellence and endeavour to strive for high standards in all that we do.



TRIBOLOGY KNOWLEDGE SESSIONS

RS Clare possesses a wealth of specialist knowledge, insight and expertise in lubrication and tribology, the science of friction and wear. We run courses and knowledge sharing sessions designed to bring engineers up to speed with the very latest advancements in this fast-moving discipline.

Committed to working with you to find the very best solution for your business, we can also arrange lubrication seminars, factory visits and laboratory showcases to illustrate how we can drive costs down and performance levels up.

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ISO 9001

ISO 14001

ISO TS 16949



RS Clare & Co Ltd

Innovation since 1748