



A LEADING GREEN TECH COMPANY
LUBRICANTS | OILS | GREASES | CLEANERS

MARINE



WE DON'T COMPROMISE. WE SOLVE SMARTER.



PERFORMANCE

- Stable, hydrocarbon base oil technology
- Non-sheening
- Broad compatibility
- Superior lifetime, more up-time, longer changeover intervals



SUSTAINABLE

- 20+ year track record of no failures
- VGP compliant
- Ecolabel approved FUTERRA™ and BioPreferred® EnviroLogic® HF lubricants
- Drop-in replacement



CUSTOMER FIRST

- Leading OEM approvals
- Oil analysis program service
- Global shipping and flexibility
- Asset conversion mapping and changeover management

ENVIRONMENTALLY ACCEPTABLE LUBRICANTS

Unlike most other EALs, RSC Bio Solutions' lubricants are formulated using a PAO and other synthetic hydrocarbon base oil which is stable in the presence of water. Major advantages are drop-in replacement to mineral oil and high compatibility with standard seal materials. We have approvals from leading OEMs and seal manufacturers.

LUBRICANTS	APPLICATIONS	PRODUCTS	VISCOSITY/GRADE
Hydraulic Oil	Cranes Winches Doors Thrusters Controllable Pitch Propellers Pumps Rams Hydro Hammers Drilling Motors Stern Tubes	RSC FUTERRA™ Hydraulic Fluid RSC ENVIROLOGIC® HF HP Hydraulic Fluid RSC ENVIROLOGIC® HF Hydraulic Fluid	ISO 32, 46, 68, 100
Gear Oil	Cranes Thrusters Azipods Winches Gear Boxes Stern Tubes	RSC ENVIROLOGIC® Gear Oil	ISO 68, 100, 150, 220, 320
Multi-Purpose Grease	Doors Hatches/Hinges Towing Pins Deck Machinery Drive Shafts Steering Systems	RSC ENVIROLOGIC® Grease	NLGI 0, 1, 2
WATER RESISTANT Extreme Pressure Grease	Wire Ropes Deck Equipment ATB Couplers Rudders Steering Systems Drive Shafts Bucket Pins Jack Up Leg Boats	RSC ENVIROLOGIC® Grease WREP	NLGI 00, 0, 2
Extra Heavy Duty Grease	Towing Pins Bucket Pins Jack Up Leg Platforms	RSC ENVIROLOGIC® Grease EHD	NLGI 1.5



SUPERIOR PERFORMANCE

RSC Bio Solutions' products are advanced lubricants for demanding marine equipment where high performance meets environmental responsibility. These hydraulic fluids, gear oils and greases offer extreme protection against water and the elements and deliver long term lubricating stability, resulting in more uptime and reduced operating costs so you can focus on getting the job done.

REGULATORY COMPLIANT

While the reporting of and cleanup for all spills and leaks is always required, the remediation costs and fines associated with VGP-compliant solutions are generally less substantial. US EPA 2013 VGP: vessels over 79 feet must use Environmentally Acceptable Lubricants (EALs) when operating in US waters in all oil-to-sea interfaces. An "Environmentally Acceptable Lubricant" is minimally toxic, not bioaccumulative and biodegradable (defined as >60% degradation after 28 days). EALs and other safer fluids required under the VGP are a good benchmark to follow when operating in highly sensitive and restricted areas to minimize the environmental impact of a spill or leak.

THE SMARTER CHOICE

RSC Bio's advanced technology products have provided the Marine industry with better solutions for over 20 years of field tested, proven performance. We offer best-in-class lubricants with environmental compliance without compromise.

JUST ASK OUR MARINE CUSTOMERS...

Leading national defense reserve fleet

Largest worldwide container ship and supply vessel operator

Globally recognized family fun cruise line operator

Family led, global bulk cargo transportation company



**VGP 2013 IS
NOW FULLY
ENFORCED**



NL/027/016



VGP COMPLIANT



GLOBAL AVAILABILITY



FUTURE PROOF

RSC Bio Solutions' technology provides outstanding long-term protection for marine equipment, while also building in readiness for the changes ahead. Global trends continue to suggest that regulations requiring the use of environmentally acceptable solutions that can meet technical requirements will continue to increase. Additionally, many ports and waterways have established their own incentive systems to reward players who adopt options that are safer for the environment, recognizing the long term financial benefits of sustainability. Some industry leaders adopt environmentally acceptable solutions not only to comply in regulated environments, but also as a result of increasing corporate pressure, public scrutiny, and efforts to protect their brand by embracing sustainability leadership.

OEM APPROVALS

A company's commitment to leadership and performance is evident by receiving approvals from major Original Equipment Manufacturers (OEMs). RSC Bio Solutions has OEM approvals with leading Marine OEMs. For more information on OEM approvals, contact your local representative.

NOT ALL EALs ARE THE SAME —
RSC BIO IS BEST IN CLASS.

FOR MORE INFORMATION

Please contact us directly or contact your sales representative.
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