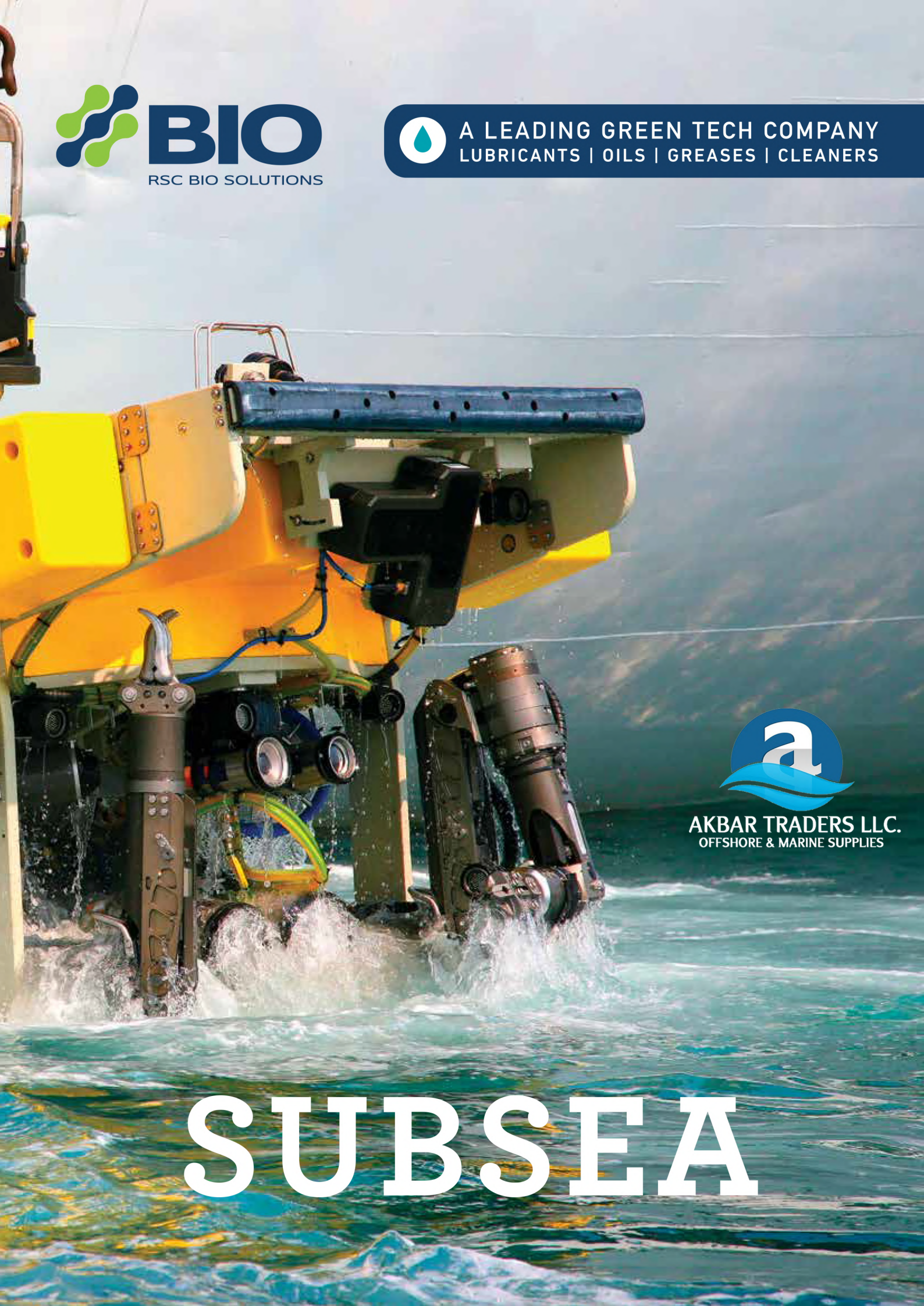




 A LEADING GREEN TECH COMPANY  
LUBRICANTS | OILS | GREASES | CLEANERS



**AKBAR TRADERS LLC.**  
OFFSHORE & MARINE SUPPLIES

# SUBSEA

# WE DON'T COMPROMISE. WE SOLVE SMARTER.



## PERFORMANCE

Stable, hydrocarbon base oil technology

High compressibility, low temperature performance

Superior lifetime, more up-time, longer changeover intervals

Non-sheening



## SUSTAINABLE

20+ year track record of no failures

VGP compliant

Ecolabel approved FUTERRA™ 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
<b>Hydraulic Oil</b>	ROVs Submersible Pumps LARs Cranes Winches Central Hydraulic Units	RSC FUTERRA™ Hydraulic Fluid	32, 46
		RSC ENVIROLOGIC® HF Hydraulic Fluid	22, 32, 46
<b>Gear Oil</b>	Cranes Winches	RSC ENVIROLOGIC® Gear Oil	68, 100, 150
<b>WATER RESISTANT Extreme Pressure Grease</b>	Wire Ropes Winches LARS Cranes Mooring Cables Deck Machinery Anchor Chains Centralized Lubricant Systems Rudder Stock Lubricant Spray on Wire Rope Lubricant	RSC ENVIROLOGIC® Grease WREP	NLGI 00, 0, 2
<b>Extra Heavy Duty Grease</b>	Towing Pins Bucket Pins	RSC ENVIROLOGIC® Grease EHD	NLGI 1.5



### SUPERIOR PERFORMANCE

RSC Bio Solutions' hydraulic fluids, gear oils and greases are advanced lubricants for demanding subsea and topside 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 Subsea 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 SUBSEA CUSTOMERS...

A major oil & gas and offshore wind integrated solutions provider

A leading offshore pipelay and subsea construction company

A global subsea data transporter company



**VGP 2013 IS NOW FULLY ENFORCED**



NL/027/016



**VGP COMPLIANT**



**GLOBAL AVAILABILITY**



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## FUTURE PROOF

RSC Bio Solutions' technology provides outstanding long-term protection for subsea and topside equipment, while also building in readiness for the inevitable 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, regions and countries 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 industry leadership and performance is evident by receiving approvals from major Original Equipment Manufacturers (OEMs). RSC Bio Solutions' has OEM approvals with leading ROV and Marine OEMs. For more information on OEM approvals, contact your local representative.

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

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## FOR MORE INFORMATION

Please contact us directly or contact your sales representative.  
800.661.3558 | RSCBio.com



**MacDermid**  
OFFSHORE SOLUTIONS



**AKBAR TRADERS LLC.**  
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