

OFFSHORE OIL AND GAS



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EnviroLogic®



SAFECARE®



RSC Bio Solutions specially formulates readily biodegradable* products for demanding offshore oil and gas applications. The proven, high performance solutions comply with regulations like the 2013 EPA VGP, they reduce risk, lower operating costs, and they're cleaner and safer for both employees and the environment.

Reduce Risks. Increase Safety.

With new, tougher environmental regulations going into effect almost every year, the risk of dealing with lubricant discharges has never been greater. But that risk can be minimized by using RSC Bio Solutions' line of readily biodegradable lubricants, degreasers and cleaners, as its series of EnviroLogic® and SAFECARE® products meet a wide variety of environmental regulations, such as the 2013 EPA Vessel General Permit (VGP), SARA, SNAP, and US EPA.

- RSC Bio Solutions certifies that its products meet the EPA's definition of Environmentally Acceptable Lubricants (EALs)
- 2013 EPA VGP compliant and technically feasible
- Non-sheening

Better for Business and the Environment.

Lower cleanup and containment costs, fewer fines and less downtime mean that readily biodegradable fluids can help lower the overall cost of your operation. That's because RSC Bio Solutions' non-sheening products are readily biodegradable fluids that break down into water and carbon dioxide—biodegrading 60% or greater in 28 days (according to OECD 301B or ASTM D7373 methods), leaving the marine environment safer and cleaner—and leaving you with more uptime.

Not to mention, the public perception of a company utilizing sustainable methods and products is much more positive than that of one cleaning up after yet another petroleum based incident. And perceptions can certainly affect bottom lines.

At the end of the day, though, you need fluids and cleaners that do more than simply comply with the 2013 EPA VGP. You need fluids and cleaners that deliver the performance your equipment demands.

- Readily biodegradable products biodegrade $\geq 60\%$ within 28 days*
- Industrial strength

Proven Performance.

The EPA and local state and municipal governments mandate compliance with various regulations. But regulatory compliance doesn't have to involve performance tradeoffs. RSC Bio Solutions' EnviroLogic lubricants, gear oils and functional fluids have broader operating temperature ranges, superior lubricity and antiwear characteristics resulting in longer changeover intervals and extended equipment life.

In fact, the EnviroLogic series of products has passed the Vickers and Denison pump tests that measure key component wear—with flying colors. Add to that, EnviroLogic's compatibility with seals and elastomer materials and its 10+ years of use in the offshore oil and gas industry across America and it's safe to say, EnviroLogic hydraulic fluids are proven to meet or exceed the performance of their petroleum based counterparts.

The SAFECARE line of cleaners and degreasers works just as well. The powerful, industrial strength, readily biodegradable products don't compromise on performance. Plus, because they're minimally toxic, they're safer for users and safer for the environment.

There's simply no reason not to switch. Extensive lab testing and field demonstrations have proven that RSC Bio Solutions' lubricants, cleaners and degreasers perform as well as or better than petroleum based products. It's why our products have been approved by so many original equipment manufacturers (OEMs).

- Longer changeover intervals
- Higher flash point than petroleum based alternatives
- Readily separates from water



Products you need
for problems you don't.™

*As per OECD 301B or ASTM D7373.



Marine Applications

Our uniquely engineered products leave no sheen on the water's surface and are effective for use in the following applications:

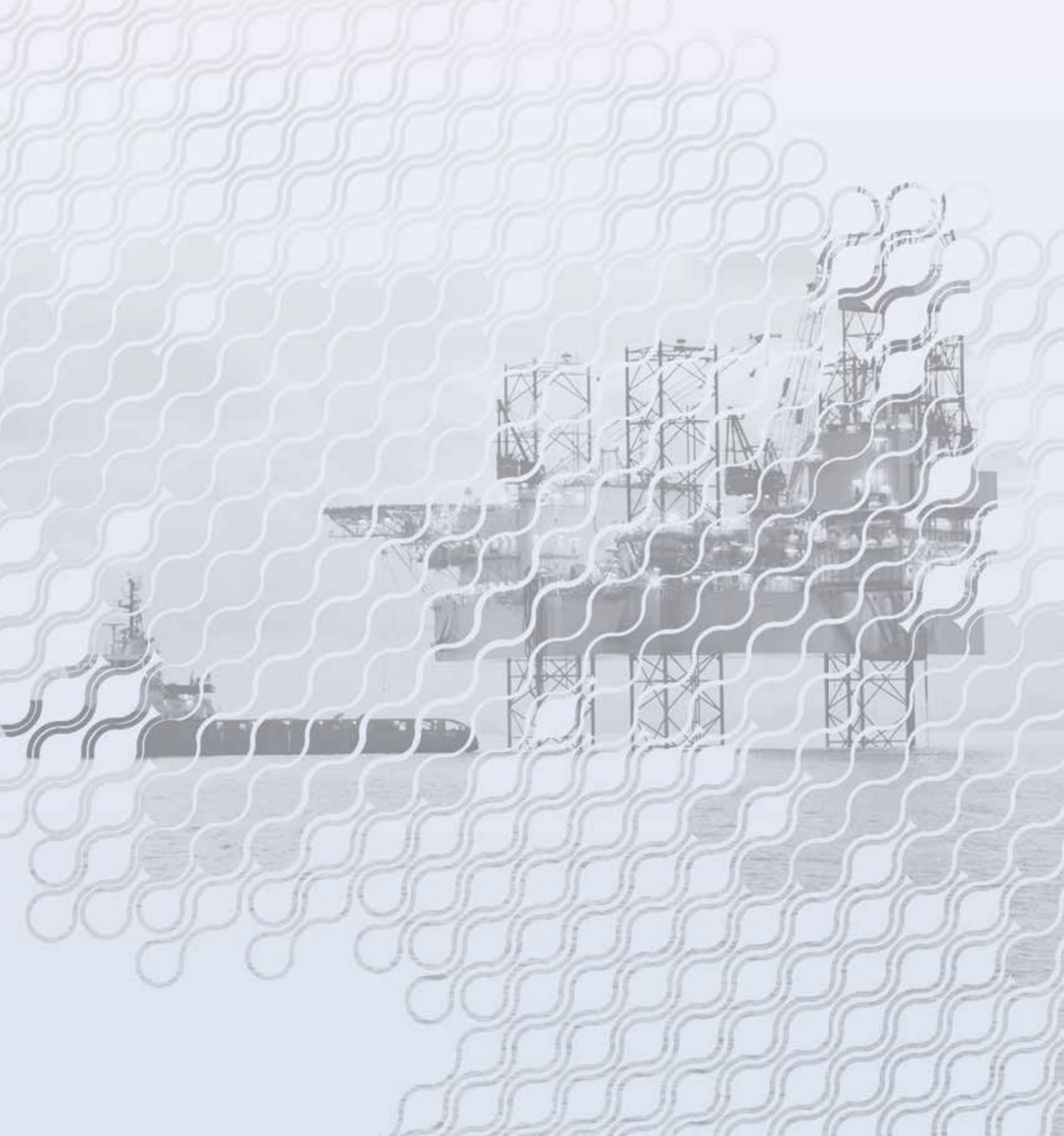
- Oil & Gas: platform, drill ships, work boat lift equipment, cranes, winches, wire rope lubricant
- Hydraulic systems including mobile hydraulic systems
- Any equipment with oil-to-water interfaces
- Marine vessels: controlled pitch propellers, thrusters, stern tubes, thruster bearings, stabilizers, rudder bearings, azimuth thrusters, propulsion pod, wire rope lubricant and mechanical equipment subject to immersion
- Ports: cranes, lift equipment
- Deck and equipment wash
- Oil stain removal
- Parts washing

Applicable Products



Hydraulic Fluids	EnviroLogic® 100 - Readily Biodegradable Hydraulic Fluids EnviroLogic® 3000 - Ultra-High Performance, Readily Biodegradable Hydraulic Fluids
Gear Oils	EnviroLogic® 200 - Readily Biodegradable Industrial Gear Oils EnviroLogic® 200EP - Extreme Pressure, Synthetic Gear/Thruster Oils
Grease	EnviroLogic® 802 - Biodegradable Grease
Wire Rope, Cable & Chain Lubricants	EnviroLogic® 268 - Readily Biodegradable Wire Rope, Cable & Chain Lubricants
System Flush	EnviroLogic® Bio Flush - Readily Biodegradable Flush Oil
Cleaners	SAFECARE® SC-1000™ - Aqueous Cleaner Concentrate CSR-3000 - Solvent Cleaner CSR-4000 - Cleaner
Absorbents	GreenSorb® High Performance Absorbent

For more information about RSC Bio Solutions, visit us at rsbio.com or call 800-661-3558.



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for problems you don't.™

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GreenSorb® is a registered trademark of Sorbent Green, LLC.
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