






**Clarion Lubricants is dedicated to providing reliable lubrication solutions to industries operating in environmentally sensitive areas. Our products and services work to enhance the sustainability of your business by helping you manage environmental impact risk while providing premium lubricant performance.**

Clarion Green Lubricants are precisely engineered for service in environmentally sensitive areas such as open water, inland waterways, ports, watersheds, and forests. They can be safely used in agriculture, dredging operations, fisheries, tugboats, cargo port operations, logging, mining operations, golf courses, onshore and offshore drilling, and subsea robotic systems.

## ENVIRONMENTAL CREDENTIALS

Clarion environmental products are engineered to meet increasing regulatory requirements to help you get your job done while minimizing risks.

CLARION ENVIRONMENTAL LUBRICANTS	USCG Static Sheen	U.S. EPA LC50	EPA 2013 VGP, EPA 2014 sVGP	Readily Biodegradable	Full Synthetic
Green BIO 		•	•	•	
Green Synthetic Fluids 		•	•	•	•
Green Synthetic Gear 		•	•	•	•
Green A/W Oils	•	•			
Green Gear Lubes	•	•			

 Environmentally Acceptable Lubricants (EAL)



# QUICK GUIDE TO ENVIRONMENTALLY ACCEPTABLE LUBRICANTS



In an effort to prevent pollution of sensitive marine environments, the EPA has imposed restrictions on lubricants used on certain vessels operating in U.S. waters. Clarion Lubricants is dedicated to helping you stay in compliance and quickly adapt to future changes. Our commitment to understanding the challenges posed by regulation, as well as by the forces of nature, means that using Clarion Lubricants will help you optimize performance and protection.

209,000 BOATS AND VESSELS ARE AFFECTED BY THE **VGP** AND **sVGP**

**THE 2013 VESSEL GENERAL PERMIT**

APPLIES TO COMMERCIAL VESSELS LONGER THAN 79 FEET. IT MANDATES THE USE OF AN ENVIRONMENTALLY ACCEPTABLE LUBRICANT (EAL) FOR ALL OIL-TO-SEA INTERFACES AND PROVIDES COVERAGE FOR INCIDENTAL AND BALLAST WATER DISCHARGES.

**THE 2014 SMALL VESSEL GENERAL PERMIT**

Applies to non-recreational vessels less than 79 feet. It also mandates the use of EALs for oil-to-sea interfaces and provides coverage for ballast water discharges.



**ENVIRONMENTALLY ACCEPTABLE LUBRICANTS MUST BE**

- READILY BIODEGRADABLE
- LOW TOXICITY TO AQUATIC ORGANISMS
- NON-BIOACCUMULATIVE
- NO DANGEROUS COMPONENTS

✓

PASS TECHNICAL PERFORMANCE CHARACTERISTICS APPROPRIATE FOR ITS USE

USING CLARION GREEN SYNTHETIC FLUIDS AND CLARION GREEN BIO OILS CAN HELP YOU MEET REQUIREMENTS OF THE 2013 VGP and 2014 sVGP

- ✓ NON-TOXIC TO AQUATIC LIFE
- ✓ ZINC-FREE, ASHLESS ADDITIVES
- ✓ READILY BIODEGRADABLE FORMULATIONS

**CLARION GREEN SYNTHETIC:**  
FULLY SYNTHETIC HYDRAULIC FLUIDS

**CLARION GREEN BIO:**  
NATURAL ESTER HYDRAULIC FLUIDS



CLARION GREEN LUBRICANTS ARE ENGINEERED FOR SERVICE IN ENVIRONMENTALLY SENSITIVE AREAS

PROVIDE CONFIDENT PROTECTION FOR ALL MARINE VESSELS

ADDITIONAL USES INCLUDE FISHERIES, DOCK OPERATIONS, OFFSHORE DRILLING, DREDGING AND SUBSEA ROBOTIC SYSTEMS

[www.clarionlubricants.com](http://www.clarionlubricants.com)

Product information sheets, Safety Data Sheets for all Clarion products, and other useful information

[customerservice@clarionlubricants.com](mailto:customerservice@clarionlubricants.com)

or 1-855-MY-CLARION (855-692-5274)

Product support and customer service



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