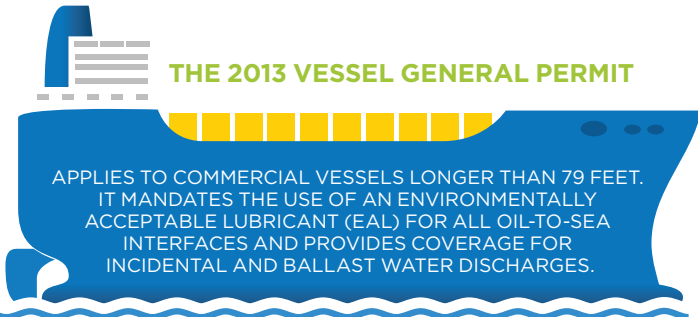


Quick Guide to Environmentally Acceptable Lubricants

In an effort to prevent pollution of sensitive marine environments, the EPA has imposed new 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 NEW 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

PERMIT REQUIREMENTS

APPLIES TO ALL COMMERCIAL VESSELS OPERATING WITHIN THREE NAUTICAL MILES OF THE U.S. COASTLINE AND IN THE GREAT LAKES

IF USE OF EALS IS TECHNICALLY INFEASIBLE, OWNERS MUST DOCUMENT USE OF NON-ENVIRONMENTALLY ACCEPTABLE LUBRICANTS AND REPORT IT TO THE EPA

OWNERS MUST SUBMIT AN ANNUAL REPORT INDICATING IF THEIR VESSEL USES EALS AND PROVIDE INFORMATION ON PRODUCTS USED

COMPANIES MUST ESTABLISH AN INSPECTION SCHEDULE AND KEEP A LOG OF ALL FINDINGS

A \$10,000 FINE AND/OR IMPRISONMENT FOR TWO YEARS, FOR SUBMITTING FALSE INFORMATION

PENALTIES

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

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