

Vessel General Permit (VGP) 2013

EPA's VGP Legislation into effect 19 Dec. 2013

The VGP legislation orders that all non-recreational vessels, as of December 19th, 2013, that are at least 79 feet (24 meters) in length must use “environmentally acceptable lubricants” (EAL) in all “oil-to-sea” interfaces while operating within U.S. waters, unless technically infeasible. This includes lubrication discharges from a wide range of equipment including cable and wire rope, mechanical equipment subject to immersion (e.g. dredges), stern tubes, rudder bearings, etc.

If a vessel is technically infeasible of using EAL, then the owner/operator must sign off on why they cannot do so in their vessel recordkeeping documentation and must report any use of non-EAL's to the EPA in the vessel's Annual Report.

Environmentally Acceptable Lubricants (EAL)

The new VGP defines “environmentally acceptable lubricants” as lubricants that are “biodegradable,” are “minimally-toxic” and are not “bioaccumulative,” meeting the performance standards established by the EPA.

EPA Performance Standards Identified:

Biodegradation: *process of chemical breakdown of oil caused by organisms or their enzymes into carbon dioxide and water.*

Eco (Aquatic) Toxicity: *concentration in ppm or milligrams per liter that kills a specified % of the species being tested.*

Bioaccumulation: *the build-up of chemicals within the tissues of an organism over time.*

Vitalife® Bio-Lube Wire Rope Lubricant is available at all Authorized Crosby distributors.

*For more information please call
(732) 345 - 8213*



VITALIFE®
WIRE ROPE LUBRICANT

Crosby's Vitalife® 410 Bio-Lube Wire Rope Lubricant meets or exceeds the requirements of Environmentally Acceptable Lubricants (EAL).

Benefits of Vitalife® Bio-Lube include:

- Thin penetrating formulation designed to bond to wire ropes, avoiding drips upon application;
- Complete lubrication & coverage on both the outer and inner strands of the wire rope;
- Quick drying film to ensure no run off when wire rope is submerged or is exposed to rain;
- Protective film offers a tight layer of protection that keeps the wire rope from direct contact with oxygen, salt water and other forms of moisture that lead to rusting and corroding;
- Easy inspection of wire ropes;
- No gumming or chipping of previous Vitalife applications;
- Degreasing qualities when applied to an already rusted/oxidized or dirtied wire rope;
- Quick and easy application with the use of the **Crosby VITALIFE® Spray System**;
- Readily biodegradable and completely non-toxic;
- **93% Bio-based** Lubricant as deemed by the **USDA BioPreferred Program**

