



BIOBLENDTM

High Performance BioBased Lubricants

BIOBLEND OFFERS A COMPLETE LINE OF LUBRICANTS FOR DREDGES OF ALL SIZES. ALL OF THESE LUBRICANTS ARE CERTIFIED AS AN ENVIRONMENTALLY ACCEPTABLE LUBRICANT (EAL) PER THE 2013 VESSEL GENERAL PERMIT (VGP).

BIOBLEND FEATURES NEXT GENERATION TECHNOLOGY THAT SETS US APART. OUR DREDGING LUBRICANTS PASS THE MOST STRINGENT TESTING FOR BIODEGRADABILITY, TOXICITY, AND BIOACCUMULATION.

WHAT WILL THE LUBRICANT INDUSTRY LOOK LIKE 5-10-20 YEARS FROM NOW? BIOBLEND'S NEXT GENERATION LUBRICANT TECHNOLOGY IS AVAILABLE RIGHT NOW. OUR BIOBASED LUBRICANTS OFFER BETTER LUBRICATION VS. PETROLEUM BASED LUBRICANTS AND THEY ARE SUSTAINABLE.

PEOPLE ARE MAKING THE SWITCH TO BIOBLEND EVERY DAY, WHAT ARE YOU WAITING FOR?

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BIOFLO AW

BIODEGRADABLE ANTI-WEAR HYDRAULIC FLUIDS



BIOFLO AW Hydraulic Fluids are readily biodegradable, zinc-free, anti-wear hydraulic oils formulated from renewable basestocks to meet the performance requirements of dredging hydraulic systems. These high lubricity base oils are paired with environmentally friendly additive technologies to minimize ecological impact. These lubricants offer excellent thermal and oxidative stability, assuring superior service life with minimal viscosity change over a broad range of operating temperatures. BioFlo AW fluids are suitable for use in all conventional hydraulic systems, especially environmentally sensitive applications. Available as a sheen-free product upon request. Available in ISO grades 32, 46, and 68.

BIOFLO AWS

BIODEGRADABLE SEMI-SYNTHETIC HYDRAULIC FLUIDS



BIOFLO AWS Hydraulic Fluids are semi-synthetic, readily biodegradable, zinc-free, anti-wear hydraulic oils formulated from renewable basestocks to meet the performance requirements of dredging hydraulic systems. The addition of synthetic esters allows for greater temperature ranges vs. BioBlend's BioFlo AW lubricants. BioFlo AWS fluids are suitable for use in all conventional hydraulic systems, especially environmentally sensitive applications. Available in ISO grades 15, 22, 32, 46, and 68.

BIOFLO HEES

BIODEGRADABLE SYNTHETIC HYDRAULIC FLUIDS



BIOFLO HEES is a fully synthetic, ester based hydraulic fluid. It meets the OECD standard 301-B and is designed to provide better performance in extreme temperatures and over extended periods of time. It offers high thermal and oxidative stability which reduces operating temperatures. Friction and wear of parts is minimized in dredging hydraulic systems. Readily available for delivery worldwide. Available in ISO grades 32, 46, 68.

BIOFLO HFDU

FM APPROVED FR HYDRAULIC FLUIDS



BIOFLO FIRE RESISTANT HFDU is made from high quality, high oleic vegetable oils. HFDU is an excellent anti-wear hydraulic fluid for use in all applications requiring an approved fire resistant fluid. In addition to high performance, the product also provides excellent environmental performance due to its low toxicity additives and vegetable base oils. HFDU is compatible with most mineral oils and polyolester type hydraulic fluids. For phosphate esters, please contact your BioBlend rep. HFDU is not compatible with water containing fluids. Available in ISO grades 40, 46, and 68.

BIOFLO STL

BIODEGRADABLE STERN TUBE LUBRICANT



BIOFLO STL is a high performance, readily biodegradable product formulated from high quality synthetic ester technologies. This product is formulated to meet the US EPA 2013 Vessel General Permit (VGP) guidelines as an Environmentally Acceptable Lubricant (EAL). BioFlo STL's lubricating film resists water, which keeps stern tube systems protected for extended periods of time and under severe operating conditions. In addition, this product is miscible with petroleum products commonly used for stern tube lubrication. Available in ISO grades 68, 100 and 150.

BIOLUBE WRL/WRL DT

BIODEGRADABLE WIRE ROPE LUBRICANT



BIOLUBE WRL/WRL DT is a readily biodegradable, zinc-free wire rope lube formulated from renewable basestocks. The high lubricity base oil of BioLube WRL is paired with environmentally friendly additive technologies and tackifier to deliver optimum wear protection, corrosion protection, and enhanced metal adhesion. BioLube WRL DT is a tackifier-free version of the product that cures to a "dry to touch" film within 24 hours.

DREDGING



BIOGEAR EP BIODEGRADABLE EXTREME PRESSURE GEAR OILS



BIOGEAR EP is a series of readily biodegradable extreme pressure gear lubricants designed for use in various dredging applications. Each grade of BioGear EP is designed to replace standard gear oils within the AGMA grades. The BioGear EP series offers excellent thermal and oxidation stability and reduces operating temperatures to ensure superior service life with minimal gear, shaft, and bearing wear, all in a readily biodegradable, environmentally friendly formula. Available in ISO grades 68, 100, 150, 220 and 320.

BIOGEAR S BIODEGRADABLE SYNTHETIC GEAR OILS



BIOGEAR S is a biodegradable dredging gear oil formulated from synthetic ester base stocks. The combination of these high quality base oils and robust additive package allows for maximum equipment protection for extended drain intervals, while simultaneously providing protection for the environment. The additional lubricity of the fluid allows for efficient operation in demanding conditions. Available in ISO grades 320 and 460.

BIOBLEND MPO BIODEGRADABLE FOOD GRADE MULTI-PURPOSE OIL



BIOBLEND MPO is a readily biodegradable, biobased high performance multi-purpose lubricant designed for commercial, household, and general lubrication applications. It is ideal for use on oven and conveyor chains, wire ropes, cables, slides, open mechanisms, and light duty metal cutting and tapping applications. Its excellent lubricity and temperature stability provide smooth mechanical performance and superior antiwear protection. BioBlend MPO is NSF registered as meeting the guidelines of an H1 product for incidental food contact. Available in liquid or aerosol.

BIOGREASE HD BIODEGRADABLE HEAVY DUTY GREASE



BIOGREASE HD is a readily biodegradable, minimally toxic Lithium 12-OH Stearate grease formulated to provide high film strength, withstand high operating temperatures, and maintain excellent stability. BioGrease HD features a high viscosity base oil for high load carrying capabilities. BioGrease HD also has excellent anti-wear and water washout properties. It is designed for heavy-duty use in a variety of industrial, mobile, and dredging applications. Available in NLGI grades 1 and 2.

BIOGREASE M3 BIODEGRADABLE MARINE GREASE



BIOGREASE M3 is the ideal EAL grease solution in marine environments. It is formulated with environmentally friendly rust and anti-wear additives and is excellent at shedding water and adhering to metal surfaces requiring lubrication in trunnions, open gears, dredging spud rails and other marine applications.

SYNGREASE XT 1 SYNTHETIC EXTREME TEMPERATURE GREASE



SYNGREASE XT 1 is a grease formulated to provide superior performance in the toughest conditions. SynGrease XT 1 is formulated with synthetic esters that enable the products to protect equipment at a very wide temperature range while also having limited impact on the environment. The grease provides excellent protection for equipment without using Moly to further reduce its impact on the environment and to enhance its cold weather performance. SynGreaseXT 1 has mobility at temperatures as low as -40C.

DREDGING