

# AquaShield™

## Waterproof lithium based grease

### DESCRIPTION

**AquaShield** is a multi-purpose lubricant and sealant that is compounded specifically to cling to metal and “O” ring surfaces, provide long term lubrication, and rust protection. It is designed to seal out water and contaminants.

**AquaShield** is particularly effective on bearings, water pumps, “O” rings, water filters, motors, and valves that must operate in hot or cold water, steam, pool chemicals, or salt water.

**AquaShield** has been successfully used in applications ranging from boat trailers to steel mills. It is extremely effective in any application where bearings or gears are affected by wet conditions.

### FEATURES / BENEFITS

- Excellent shear stability over long periods.
- Retains its consistency whether in use or at rest.
- Lubricates, seals, and inhibits rust.

### DATA (TYPICAL VALUES)

NLGI Grade	2
Worked Penetr. @ 25°C	265—295
Soap Type	Lithium
Dropping Point	254°C
Color	Aqua

### HEALTH AND SAFETY

Refer to SDS for proper handling and disposal. Please note that the SDS includes handling, health and disposal information which should be passed on to your employees, and to anyone else who comes in contact with our product. Additional advice can also be obtained from your local Houghton representative.

NOTE: Read and understand all precautions on container labels before using this product.

TN 16.03 US



Houghton International Inc.  
 Madison and Van Buren Aves.  
 P. O. Box 930  
 Valley Forge, PA 19482-0930

Phone: 610-666-4000  
 Fax: 610-666-0174  
 info@houghtonintl.com  
 www.houghtonintl.com

This document contains information based on data that is believed to be correct. However, the product may not be applicable to all uses and operating environments. No warranty or guarantee is expressed or implied.

# AquaShield™

## Waterproof lithium based grease

Lengthened maintenance cycles for harbor skimmers.

### PROCESS AND OPERATING DETAILS

---

Baltimore's Inner Harbor is the city's premier showplace. The harbor is lined with parks, promenades, a world class aquarium, and the USS Constellation. The harbor also is the endpoint for storm drains and natural tributaries that dump massive amounts of solid waste into the harbor.

To keep the harbor clean, Baltimore has a fleet of specialized trash retriever vessels. These vessels are highly maneuverable, conveyorized, floating retrievers running eight to twelve hours a day, seven days a week.

### CUSTOMER CONCERNS

---

The main source of down time on these vessels is the failure of the conveyor bearings. The city needed to replace twelve to twenty of these bearings a month.

### IMPROVEMENTS

---

Six months after the switch to AquaShield, no bearing failures were reported. Five years after this switch, the city of Baltimore is still extolling the virtues of AquaShield.

### CUSTOMER BENEFITS

---

- Greatly reduced downtime.
- No need to replace bearings.

### HEALTH AND SAFETY

---

Refer to SDS for proper handling and disposal. Please note that the SDS includes handling, health and disposal information which should be passed on to your employees, and to anyone else who comes in contact with our product. Additional advice can also be obtained from your local Houghton representative.

NOTE: Read and understand all precautions on container labels before using this product.

TN 16.03 US



Houghton International Inc.  
Madison and Van Buren Aves.  
P. O. Box 930  
Valley Forge, PA 19482-0930

Phone: 610-666-4000  
Fax: 610-666-0174  
info@houghtonintl.com  
www.houghtonintl.com

This document contains information based on data that is believed to be correct. However, the product may not be applicable to all uses and operating environments. No warranty or guarantee is expressed or implied.

