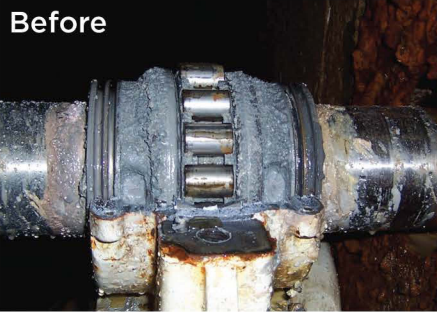


# LIGNUM VITAE WATER LUBRICATED BEARINGS

RELIABLE PERFORMANCE FOR WATER TREATMENT APPLICATIONS



Highest Ranked  
Environmentally Safe NSF-61  
Bearing



Certified to  
NSF/ANSI 61

## Benefits of the Material

- Self Lubricating
- Low Maintenance
- Clean or Dirty Water
- Low Friction
- High Shock Load
- High Edge Load
- Easy Installation
- Custom to Your Specs

## Shaft Sizes and Bearing Useful Life

Lignum vitae bearings currently support shafts of any diameter.

## Operating Characteristics

- Contains guaiac resin that acts as the lubricant. This water impervious resin glazes the bearing surface, which stays intact for decades, even in dirty or silty water. Unlike other lubricants that are free to flow away from the bearing, guaiac resin is bound in a homogeneous fiber that cannot drain away.
- Known as the most steel friendly material in use. No moving parts, nothing to rust or corrode.
- Nature's perfect combination of hardness and lubricity for running against steel.
- Easy to install, even when replacing old bearings in remote or crude conditions.
- The only renewable, natural, industrial underwater bearing.
- Requires no grease, oil or other lubricants, which may spill in surrounding water.
- No threat to air, water, or soil, with nothing going into landfills.
- No manufacturing pollution, toxic metals, PCBs, plastic, or VOCs.

## Types of Bearings

- Shell
- Pillow Block
- Split
- Hanger
- Stave
- Horizontal
- Seals & Wear Pads

## Services Available

- Value Engineering
- Reverse Engineering
- Manufacturing
- Hone & Lap Shaft in Place
- Installation & Supervision On-Site
- Immediate Delivery for Unplanned Outages
- Shaft & Bearing Assessment



## Lignum Vitae

*Water Lubricated Bearings*