

# TECHNICAL BULLETIN

Rev: 200609

## MARINE SYNTHETIC GREASE (#2)

### **DESCRIPTION:** LMG2

LubriSilk<sup>®</sup> Marine Synthetic Greases are a blend of the finest synthetic components available. LubriSilk<sup>®</sup> is totally new synthetic grease formulated with a patented boron-based ingredient. LubriSilk's active chemical process creates a near-permanent micro-layer of extremely low-friction crystal lattice molecular structures that become part of the metallic surfaces. The inter-atomic bonding of the boric acid components reacts to all metal surfaces within several days and provides a long-lasting, low-friction surface impervious to most contaminants.

LubriSilk<sup>®</sup> Boron CLS Bond<sup>®</sup> Marine Synthetic Grease bonds to metal surfaces, depending on exposure time and temperature, to provide a long-lasting, low-friction surface that is impervious to many contaminants. This micro-layer of protection is bonded to metal surfaces with strong covalent and ionic bonds. Boron CLS Bond<sup>®</sup> provides durable, long-lasting wear surfaces and helps reduce corrosion and formation of acids caused by oxidation of the metal substrate.

### **USAGE:**

LubriSilk<sup>®</sup> Marine Synthetic Greases have a wide range of applications. They are biodegradable, waterproof, non-corrosive, non-melting, and contain boron derivative EP agents. LubriSilk<sup>®</sup> is formulated to significantly reduce wear and friction and to lubricate under the most adverse conditions. The highly adhesive and extreme pressure/extreme temperature properties dramatically reduce metal-to-metal contact and corrosion in many applications.

### **APPLICATIONS:**

Excellent lubrication of "O" ring gaskets, bearings, gears, valves, universal joints, electric motor bearings, wheel bearings, pump bearings, heavy equipment, industrial and commercial fleet applications.

### **SPECIFICATIONS:**

Color.....	Translucent White
Base Fluid.....	Synthetic
Thickeners.....	Synthetic
NLGI No. ....	#2
Oil Viscosity SUS @ 210 F.....	524
Dropping Point:.....	None
Flash Point:.....	435
Pour Point: F.....	-10
Corrosion (100 Hrs.) in 5% Salt Spray.....	No Rust
Solids:.....	Boron Variants
Conradson Carbon %.....	.001
Water Washout, % Loss.....	1.9
Timken OK Load, Lbs.....	90 plus
CF-Value, ASTM G99-95 @ 50n.....	0.03 CF
Scar Value.....	0.69mm
Dielectric Strength, KV/M.....	30
D.O.T.....	Non-Regulated
V.O.C.....	None
Biodegradable.....	Yes

### **PACKAGING:**

14 Oz. Cartridges, 35 Lb. Pails and 380 Lb. Drums – Other packaging available.