

ADVANCED LUBRICATION TECHNOLOGY, INC.

TECHNICAL BULLETIN

Rev: 200609

SYNTHETIC GREASE (#2)

DESCRIPTION: LSG2

LubriSilk[®] Synthetic Greases are a blend of the finest synthetic components available. LubriSilk[®] 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[®] CLS Bond[®] 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. CLS Bond[®] provides durable, long-lasting wear surfaces and helps reduce corrosion and formation of acids caused by oxidation of the metal substrate.

USAGE:

LubriSilk[®] Synthetic Greases have a wide range of applications. They are biodegradable, waterproof, non-corrosive, non-melting, and contain boron derivative EP agents. LubriSilk[®] Synthetic Grease 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.

ADVANCED LUBRICATION TECHNOLOGY INC.,
3029 SW 42ND AVE., PALM CITY, FL 34990
772-287-9280
www.altboron.com