

ADVANCED LUBRICATION TECHNOLOGY, INC.

TECHNICAL BULLETIN

Rev: 200609

RAILROAD SWITCH PAINT LUBRICANT

DESCRIPTION: LSSL

LubriSilk® Railroad Switch Paint Lubricant is an easy to use, long lasting corrosion preventative 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. It has been specially formulated (patent pending) with a pigment vehicle to provide a visibly identifiable indicator of wear and need for reapplication. It has good adhesion properties and has low VOC.

LubriSilk® Railroad Switch Paint Lubricant bonds to metal surfaces, depending on exposure time and temperature, to provide a long-lasting, low-friction surface that is nearly 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 significantly reduce corrosion, all in an environmentally friendly product.

USAGE:

Inter-modal yard (heavy traffic area)

First week: lubricate according to present maintenance schedule (typically an hourly application)

Thereafter, if planned schedule calls for:

- Hourly application, then application may be extended to daily application, depending on the working environment.
- Daily application then application may be extended to weekly application.
- Weekly application then application may be extended an application every 5 to 6 week.

NOTE: With an absence of friction or heat in the working environment, product should be applied at application rates similar to your existing product for the first three weeks. **Do not apply when temperature is below freezing. Avoid applying in strong sunlight or under conditions of extreme heat and/or humidity.**

APPLICATIONS:

Rails yard switches and other moving parts requiring corrosion protection and maintenance of operability in a wide variety of temperature and weather conditions.

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SPECIFICATIONS:

VEHICLE TYPE: Vinyl-Acrylic Resin

METHOD OF APPLICATION: Brush, Roller, or Airless Spray

PERCENT SOLIDS: By weight 42%, By volume 31%

SURFACE PREPARATION: Consult an ALT Representative

DRYING TIME: To touch: 30 Min. To recoat: 2Hrs. (77 F. / 50% R.H.)

VOC: 39 g/l

COVERAGE: 100 Sq. Feet per Gallon, depending on Substrate.

CLEAN UP: Water

LIMITATIONS: Do not apply when temperature is below freezing. Avoid applying in strong sunlight or conditions of extreme heat and humidity.

PRECAUTIONS: Do not take internally, Protect from freezing, Close container after each use, Keep out of reach of children, Wash hands after handling, In case of eye contact, flush thoroughly with water.

BIODEGRADABILITY: Neither the product nor its precursor have been tested for biodegradation time, largely this is due to the varying rates of soil vs. marine rates of decomposition. The material does degrade completely into non-hazardous substances.

THERMAL DATA: Liquid material boils at 212 F. and freezes at 32 F. – Applied material should not be expected to perform or last long at temperatures above 180 F

PACKAGING:

32 Oz. plastic Jugs, 5 gallon Pails, 55 gallon Drums and Totes – Other packaging available.