



TECHNICAL DATA SHEET

SUPER LUBE® HIGH VISCOSITY RAILROAD SWITCH PLATE OIL

July 2019

PRODUCT DESCRIPTION:

Super Lube® High Viscosity Railroad Switch Plate Oil is a fortified track switch oil with anti-icing properties for railroad switch slide plates, throw rods and other moving parts. It is environmentally friendly, clean and dielectric.

Super Lube® High Viscosity Railroad Switch Plate Oil is designed to lubricate switch plates that use rubber pads to help reduce shocks of vibration of a passing train. Our Switch Plate oil is compatible with most rubbers and plastics, making our product the best high viscosity option for lubrication and noise reduction.



FEATURES:

- ❖ Excellent lubricity
- ❖ Extends service intervals
- ❖ Good low temperature fluidity
- ❖ Dielectric
- ❖ Clean
- ❖ Contains no VOC's
- ❖ Easy to apply using a brush or hand sprayer
- ❖ Water resistant, will not wash away in rain/snow
- ❖ Will not freeze in cold temperatures
- ❖ Good storage stability
- ❖ Non-corrosive
- ❖ Environmentally friendly
- ❖ Biodegradable
- ❖ High viscosity formula forms a strong lubrication barrier
- ❖ Compatible with most polymers, plastics and rubber, including Polyisoprene
- ❖ Will perform with both ferrous and non-ferrous metal

TYPICAL APPLICATIONS:

- ❖ Switch plates
- ❖ Throw rods
- ❖ Couplers
- ❖ Any moving parts
- ❖ Areas of high rainfall and moisture

PACKAGE SIZES:

| Part No. | Description     |
|----------|-----------------|
| 57010    | 1 gallon Bottle |
| 57050    | 5 gallon Pail   |
| 57055    | 55 gallon Drum  |



TECHNICAL DATA SHEET

SUPER LUBE® HIGH VISCOSITY RAILROAD SWITCH PLATE OIL

July 2019

PROPERTIES:

| Test                   | Test Method | Rating                          |
|------------------------|-------------|---------------------------------|
| Color                  |             | Translucent                     |
| Temperature range:     |             | -45°F to 300°F (-43°C to 149°C) |
| Viscosity cSt @ 100°C: | ASTM D445   | 24                              |
| cSt @ 40°C:            |             | 152                             |
| Viscosity index:       | ASTM D2270  | 190                             |
| Pour point:            | ASTM D97    | -24°F (-31°C)                   |
| Boiling point:         |             | 370°F (188°C)                   |
| ISO grade:             |             | 220                             |

DIRECTIONS:

- Clean area to be treated.
- Using a brush, cloth or spray applicator coat all contact areas with lubricant.
- Apply enough lubricant to allow for wicking into tight areas.
- Re-apply as needed.

SHELF LIFE / WARRANTY:

Super Lube® products have a five (5) year recommended shelf life when stored in the original container and in reasonable ambient conditions. The warranty period is twenty-four (24) months from the date of purchase. For complete information visit [www.super-lube.com/what-is-the-shelf-life-ezp-320.html](http://www.super-lube.com/what-is-the-shelf-life-ezp-320.html).



Made in USA

The information provided in this Technical Data Sheet, including the recommendations for use and application of the product are based on our knowledge and experience of the product as of the date of this data sheet. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Synco Chemical Corporation is, therefore not liable for the suitability of our product for the production processes and conditions in respect for which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

All Super Lube® trademarks in this document are trademarks of Synco Chemical Corporation.