



**ENSURING TROUBLE FREE RAIL OPERATIONS
DERIVED FROM NATURAL RESOURCES**



LANOLUBE SPL435 RAIL SWITCH-PLATE LUBE APPROVED BY AUSTRALIA NATIONAL RAIL

**Safe and Reliable Fluid Lubricant
Trouble Free Switching
Reduced use of molybdenum greases
Biodegradable
Non Hazardous
Environmentally Safe
Australia Made**



NATURAL PRODUCTS WITH COUNTLESS SOLUTIONS



INNOVATIVE COST-EFFECTIVE LUBRICANT

Manufactured from Derivatives of Natural Lanolins

Smooth and reliable rail operations.

Ecological Safe for use

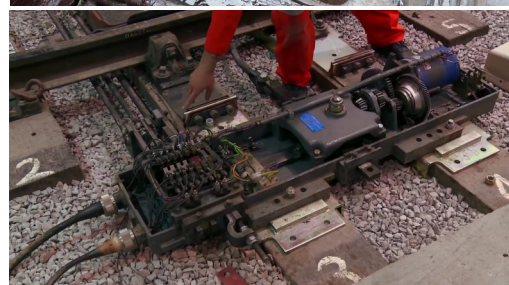
Switches must be kept in good condition in order to guarantee an adequate running of the train through the switch. maintaining smooth switch performance is key to the safe and efficient operation of any rail system.

Lantos Lanolube SPL435 Rail Switch-plate lubricant is manufactured using derivatives of lanolins designed to provide long-term lubrication and corrosion protection from the elements SPL435 offers thin film technology, high performance lubrication, reliability, smooth switch operations, reduction in product and maintenance costs, and reduces the need for use of petroleum and synthetic lubricant products. Lantos SPL435 is non toxic, biodegradable and ecological safe for use

Product was tested on switch plates and bolts through Metro Rail Adelaide (Aus) for 12 months successfully in varying temperatures and weather conditions. It has been proven as an effective lubricant extending re-lubrication intervals by weeks depending on traffic ,reducing the amount of product needed and the number of applications required each year, costs were significantly reduced giving long term savings.

Product Features and Benefits (Lanolube SPL435)

- Natural Lanolin Derivative Product
- Meets Australian National Rail Lubrication Requirements
- Approved for use by **National Rail** Australia
- Reduction of usage costs
- High Lubricity (Low friction - Switch reliability)
- Excellent Adhesion
- Reduction of greasing interventions (No Petroleum)
- Limitation of wear and friction
- Reduction of noise disturbance
- Trouble free functioning
- Protection in highly corrosive environments.
- Water / Moisture Resistant
- Unequalled wash out water resistance.
- Natural Corrosion protection properties (All Metals)
- Natural Anti-Seize
- Easy Application (spray or brush on)
- Moisture, salt, alkali and acid resistant.
- Low Temperature Spray (-20°C)
- Brush on Low Temp (-5°C)
- Di electric tested to (70kV)
- Spray on over existing lubricants (Klueber or Rocol)
- Bio degradable
- NON Toxic
- NON Flamable
- Environmentally Safe (Ground and Water)



APPLICATION

Fast and easy to use spray on application, Lanolube SPL435 has been proven to extend re-lubrication intervals from 3 to 6 weeks depending on traffic. By reducing the amount of product needed and the number of applications required each year, costs are significantly reduced to deliver repeat and long term savings

CLEANING OF SWITCH_PLATE or HEAVY GREASE

For fast removal of existing grease or removal of SPL435, Use Lantos Citra-Prep CP250 @ 100% industrial strength degreases. **Eco-safe product.** Wash off with water, allow to dry. Respray SPL435 on the switch gear.



PRODUCT DATA SHEET LANOLUBE SPL435

SWITCH-PLATE LUBRICANT LUBRICATES: PROTECTS

One of the most important maintenance tasks of railway and infrastructure operators is ensuring trouble-free functioning of switches under all weather conditions. Suitable high-performance lubricant increase the reliability of switches and have a positive effect on total costs

Product Description

Heavy lanolin blended spray on Liquid Fluid film, designed to work under the toughest conditions.

FEATURES

- Prolong switch-plate life.
- High in lubricity
- Low Friction
- Excellent Adhesion
- Moisture Resistant
- Unequalled wash out water resistance.
- Perfect spray for anti seize.
- Fluid Film for Easy Application
- Moisture, salt, alkali and acid resistant.
- Low Temperature Spray (-20°C)
- Brush on Low Temp (-5°C)
- Di electric (70kV)
- Bio degradable
- NON Toxic
- Environmentally Safe
- National Australia Rail Track Approved



| CODE | SIZE |
|--------------|--------------|
| SPL 435\0005 | 5 ltr Pack |
| SPL 435\0020 | 20 ltr Cube |
| SPL 435\0200 | 200 ltr Drum |

PHYSICAL PROPERTIES

Appearance; Transparent honey coloured mobile fluid

Boiling Point range: >250

Flash Point (°C): > 100

Specific Gravity (g/ml): @15°C) 0.90

pH: Neutral

Viscosity @ 20°C: 40 cSt

Solubility in Water: Immiscible

Low VOC

Low Odour

STORAGE AND TRANSPORT

Classified as Non-Dangerous Goods

Keep in a cool well-ventilated place

Keep out of reach of children

Shelf Life - 7 years if kept sealed in controlled temperature enclosed environment < 25°C

REMOVAL

Use Citra-Prep CP250 Industrial Strength Degreaser.

For safe handling of this product, please consult the Safety Data Sheet (SDS)



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