

UNIVERSAL SWITCH LUBRICANT DATA SHEET



BIOBASED RAILROAD LUBRICANTS

Safe for the Railroad - Safe for the Environment

DESCRIPTION

ECORail™ brand Universal Switch Lubricant is a biodegradable, non-toxic and water-resistant lubricant. ECORail Universal Switch Lubricant is formulated with natural seed oils and proprietary additives to protect railway switches from wear and to prevent rust and corrosion, while not impacting the environment.

BIOBASED

Railmark Track Work's ECORail brand products are biobased, biodegradable, non-bioaccumulative, non-aquatic toxic, and nontoxic to plants based on known test methods of the base oils and the finished products. Nevertheless, the use of all ECORail products are subject to local ordinances and ultimate responsibility for impact remains with the users.

APPLICATIONS

- Railroad switches and switch machines
- Can be poured, brushed, wiped or sprayed on with mechanical sprayers
- Also available is ECORail Frigid Climate Switch Lubricant for applications in frigid and northern climates when temperatures remain below -18°C (0°F) for extended periods of time.

BENEFITS

- Biodegradable and virtually non-toxic
- Eliminates caustic and toxic chemicals
- Less flammable than petroleum-based lubricants
- Resists washout from rain or melting ice
- Good penetration into switch
- Resists build-up of dust and dirt
- Meets EPA's "Environmental Preferable Purchasing (EPP)" criteria
- Meets USDA's "BioPreferred™" criteria and is "Biobased Labeled"
- Made from renewable USA-grown crop-based oils

DIRECTIONS

ECORail Universal Switch Lubricant is designed to be wiped, poured, brushed on or used in a mechanical sprayer.

TYPICAL PROPERTIES

Viscosity at 40°C (cSt)	50
Viscosity Index	196
Flash Point, °C (°F)	260 (500)
Pour Point, °C (°F)	-23 (-10)
Base Oil Biodegradability	Pass
Base Oil Aquatic Toxicity	Non toxic

PACKAGING

Bulk
275 Gallon Totes
55 Gallon Drums
5 Gallon Pails

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