

HonuBio SPL

Biobased Railway Switch Lubricant ISO 46 & 68



Next Generation Sustainable Lubrication Technologies

PRODUCT NAME

HonuBio SPL

MANUFACTURER

Honu Eco Sustainable Solutions, Inc.
200 Mayfly Way
Simpsonville, South Carolina 29680

DESCRIPTION

Honu Eco Switch Plate Lubricant is a biodegradable, non-toxic and water-resistant lubricant. Honu Eco Switch Plate Lubricant is formulated with natural seed oils and proprietary additives to protect railway switches from wear and prevent rust and corrosion while not impacting the environment. Available in ISO 46 and 68 grades.

FEATURES AND BENEFITS

- Biodegradable and virtually non-toxic
- Eliminates caustic and toxic chemicals
- Less flammable than petroleum-based lubricants
- Resists washout from rain or ice melting
- Good penetration into switch
- Resists build-up of dust and dirt
- Conforms to EPA's EPP and USDA biobased criteria
- Made from renewable USA-grown crop-based oils

SUITABLE USES

- Railroad switches
- Can be poured, brushed, wiped or sprayed on with mechanical sprayers
- Available in ISO 46 grade for applications requiring lighter oil or in ISO 68 grade for more staying power.

PACKAGING

5 gal. Pails, 55 Gal. Drum, 275 Gal. Totes

DIRECTIONS

Honu Eco Switch Plate Lubricant is designed to be wiped, poured, brushed on or used in a mechanical sprayer.

STORAGE AND SHELF LIFE

Storage – Keep in a cool, dry and well-ventilated place. Store in a properly labelled, original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage. To help maintain product quality, do not store in heat or direct sunlight.

Shelf Life - Product shelf life is 24 months from date of packaging. In some cases, product can last longer, please contact your Honu Eco representative for proper testing and confirmation instructions.

CAUTIONS

Ensure adequate ventilation. Do not breathe vapor/dust. Use personal protective equipment and avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. See the Safety Data Sheet (SDS) for emergency, proper handling and disposal information.

APPLICATION

- Follow recommendations provided in your equipment's owner's manual
- Follow your organization's manuals and/or best practices for preparation, cleaning, conversion, application and ongoing maintenance practices
- If you have further questions, please contact Honu Eco Tech Services by filling out the contact us form on honueco.com

AVAILABILITY

Worldwide.

TECHNICAL SERVICES

For additional information including the Safety Data Sheet (SDS), Frequently Asked Questions, and Glossary please visit honueco.com.

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Typical Properties

Properties	HonuBio PL 46	HonuBio PL 68
Product Code	HBPL46	HBPL68
ISO Viscosity Grade	46	68
Viscosity at 40°C (cSt)	44	60-70
Viscosity Index	223	196
Flash Point, °C	256	260
Pour Point, °C	-25	-24
Base Oil Biodegradability – OECD 301	Pass	Pass
Base Oil Aquatic Toxicity – OECD 202	Non-Toxic	Non-Toxic
Base Oil Plant Toxicity - OECD 208	Non-Toxic	Non-Toxic

Biobased/Biodegradable/Non-Bio accumulative

Based on evaluation of the base oils and the finished products, Honu Eco biobased products are designed to be biodegradable, aquatically non-toxic, not bioaccumulative and has no impact on plants as determined by known test methods. Nevertheless, the use of all Honu Eco products is subject to the local ordinances and ultimate responsibility for impact remains with user.

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