

SUPERIOR SWITCH LUBE BIO

Biodegradable Rail Switch Lubricant

SUPERIOR SWITCH LUBE BIO is specifically formulated for lubrication of rail switches ("points" in the UK) on both freight and transit systems. It contains a high proportion of graphite that gets compressed onto the switch rails and switch plates as they slide over each other.

SUPERIOR SWITCH LUBE BIO is a non-sticky semi-fluid grease that is liquid enough to spray from a garden weed sprayer. It can also be poured or brushed on. Once the action of the switch causes the graphite to plate out, the resulting dense protective coating won't wash off. It is not tacky and won't attract dirt.

SUPERIOR SWITCH LUBE BIO meets the requirements for ready biodegradability as measured by the modified Sturm test OECD 301-B. It contains 73% renewable content.

Apply sparingly. Apply weekly to heavy traffic areas, monthly in light areas. Infrequently used sidings don't operate enough to create the protective layer. In cases like this, apply a rain-resistant grease such as a Superior Ultra Heavy EP.

BENEFITS:

- OPERATOR-FRIENDLY – facilitates ease of switch operation. Low risk of injury on manually operated switches.
- WATER RESISTANT – layer of graphite is easily established and will not be removed by rain.
- EASY TO APPLY – can be sprayed from a garden weed sprayer, brushed or poured.
- WIDE TEMPERATURE RANGE – one grade covers all weather conditions above 0°F (-18°C).
- RESISTS CONTAMINATION – doesn't attract sand or dirt.
- READILY BIODEGRADABLE – reduced impact on the environment.

ASTM #	CHARACTERISTICS	
D-2983	Brookfield Viscosity Spindle 2 @ 5 rpm @ 77°F (25°C), cps	2,100
D-97	Pour Point, °F (°C)	-15 (-26)
D-92	Flash Point, °F (°C)	>500 (>260)
D-2596	Four Ball EP, Weld Point, kg	400
D-2266	Four Ball Wear, Scar Width, mm	0.50
	Thickener Type	Bentonite
	Usable Temperature Range, °F °C	0 to 125 -18 to 50

The above are typical values. Minor variations which do not affect product performance are to be expected in normal manufacturing.

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