

RAIL

High performance switchplate
lubricant
Innovating for tomorrow



TECHNICAL DATA SHEET

Quality Standards:
ISO 9001:2015
ISO 14001: 2015
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Revision—01

CLARETECH BIOGLIDE

Long life lubrication for slide chairs or switchplates of railway switches.
NLGI 000

Applications

For use on switchplates where there is a requirement for a high performance and environmentally friendly product.

Can be quickly and easily applied from a High Pressure Backpack Spray Unit or by brush with re-lubrication intervals from 3 to 6 weeks depending on frequency of switch movements.

Features and Benefits

- Biodegradable
- Clean to use
- Contains a durable film of lubrication which reduces wear to prolong switchplate life
- Highly adhesive and water resistant, giving long-lasting protection even in heavy rain

Typical Characteristics

Appearance	Visual	Fluid
Colour*	Visual	Yellow
Thickener Type		Complex
Temperature Range		-40°C to 60°C
Unworked Penetration	IP 50	445-475
Oil Separation (40°C, 168hrs)	IP 121 (MOD)	8%
4 Ball Wear Scar	IP 239	0.5mm
4 Ball Weld Load	IP 239	250kg
Copper Corrosion (100°C, 24hrs)	IP 122	1a

Base Oil Characteristics

Type		Ester
Kinematic Viscosity (40°C)		45cSt
Flash Point	IP 34	220°C
Pour Point	IP 15	-30°C
USA Environmentally Acceptable Lubricant		Yes

UK / 027 / 016



* Note: The product will exhibit a slight change of colour after exposure to air. This is a normal and expected feature of the unique chemistry employed in this grease. This feature has been assessed as having no effect on the product performance.



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