



## ClareGuard Build-Bio

NLGI 2

High functioning environmentally friendly build (Primary) wire rope lubricant.



### Applications

ClareGuard Build-Bio is a technologically advanced grease, manufactured from biodegradable, renewable and non-toxic components specifically for the build process of a wire rope. It is characterised by exceptional performance under high pressures, with excellent resistance to water and corrosion, making it ideal to protect wire ropes in challenging environments.

### Features and Benefits

- Strong surface adhesion
- Forms a water resistant lubricating film
- Excellent thermal and oxidative stability
- Excellent EP and anti-wear
- Consistent viscosity over a wide temperature range
- None toxic and safe to handle with standard PPE
- VGP and EAL Compliant

### Product Codes

<b>D0067/00/12.5K</b>	12.5kg
<b>D0067/00/0050K</b>	50kg
<b>D0067/00/N180K</b>	180kg

### Typical Characteristics

Test	Method	Result
<b>Appearance</b>	Visual	Smooth
<b>Colour</b>	Visual	Natural/Beige
<b>Thickener Type</b>		Hybrid
<b>Operating Temperature Range</b>		-20°C to 120°C
<b>Application Temperature Range</b>		15°C to 80°C
<b>Worked Penetration (60 double strokes, 25°C)</b>	ASTM D217	265-295
<b>Drop Point</b>	IP 396	> 160°C
<b>4-Ball Weld Load</b>	IP 239	> 350kg
<b>4-Ball Wear Scar</b>	IP 239	0.55mm
<b>Copper Corrosion</b>		1A
<b>Salt Spray</b>	ASTM B117	> 1000 hours
<b>Water Spray off</b>	ASTM D4049	< 12%

### Suggested Application

- Suitable to be applied via a high pressure applicator.
- Part of a dual approach with ClareGuard Strand-Bio.