



## Clareguard RB-Bio

NLGI 2

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



### Applications

Clareguard RB-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 RS-Bio.