



## ClareGuard RD-Bio

### NLGI 2

High performance wire rope dressing lubricant manufactured from biodegradable, renewable and non-toxic components.



### Applications

For ropes operating in demanding and environmentally sensitive locations or where operator safety is a consideration and prolonged rope life is desirable. The thixotropic NLGI 2 formulation protects ropes through greater penetration via a high-pressure unit or brushing, while it can also be applied via a cloth, once applied it regains stiffness to maximise retention. Ideal for servicing long sections of rope where repeated lubrication is less than desirable. Used in conjunction with Clareguard Build lubricants for maximised rope life.

### Features and Benefits

- Strong surface adhesion
- Forms a water resistant lubricating film
- Good thermal and oxidative stability
- Excellent EP and anti-wear
- Consistent viscosity over a wide temperature range
- VGP and EAL compliant

### Product Codes

<b>D0051</b>	Pack sizes available on request.
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### Typical Characteristics

Test	Method	Result
<b>Appearance</b>	Visual	Smooth
<b>Colour</b>	Visual	Black/Grey
<b>Thickener Type</b>		Hybrid
<b>Operating Temperature Range</b>		-40 to 80°C
<b>Application Temperature Range</b>		10 to 80°C
<b>Worked Penetration (60 double strokes, 25°C)</b>	IP 50	265-295
<b>Drop Point</b>	IP 396	>140°C
<b>4-Ball Weld Load</b>	IP 239	>350kgf
<b>4-Ball Wear Scar</b>	IP 239	0.55mm
<b>Salt Spray Fog Corrosion Test</b>	ASTM B117	> 1000 hours
<b>Water Spray Off</b>	ASTM D4049	<60%
<b>Bitumen Free</b>		Yes

### Suggested Application

**Primary application method high pressure applicator**