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Wire ropes are like complex machines, requiring dedicated lubricants to perform and extend their service life. ROCOL offers a range of wire rope lubricants, specifically designed to protect ropes from industry specific hazards and to meet legal requirements, whether that is highly corrosive atmospheres, water contact, high wear applications such as Active Heave Compensation or environmental legislation.

GREASES	BIOGEN WIRESHIELD®	BIOGEN® Marine Rope Dressing	WIRESHIELD®	WIRE ROPE Dressing (RD 105)
TARGET APPLICATIONS	 SUBSEA  OFFSHORE	 SHIPPING  DREDGING  PORTS & DOCKS  DEEP SEA FISHING	 SHIPPING  MINING  PORTS & DOCKS  CONSTRUCTION & GENERAL LIFTING	 SHIPPING  MINING  PORTS & DOCKS  CONSTRUCTION & GENERAL LIFTING
CORROSION RESISTANCE (ASTM B-117 SALT SPRAY TEST)	★★★★ >4000 hours	★★★★ >4000 hours	★★★★ >3000 hours	★★★★ <1000 hours
OPERATING TEMPERATURE RANGE	★★★★ -50 to +180°C Does not melt with active heave compensation; suitable for arctic conditions	★★★★ -30 to +100°C	★★★★ -30 to +100°C	★★★★ -30 to +100°C
PENETRATION	★★★★ Pseudoplastic rheology aids penetration of the lubricant into strands of wire rope, ensuring deeper protection	★★★★ Exhibits good penetration which is enhanced by the use of a high pressure lubricator.	★★★★ Pseudoplastic rheology aids penetration of the lubricant into strands of wire rope, ensuring deeper protection	★★★★ Semi-fluid grease aids penetration into the rope.
ENVIRONMENTAL PROFILE	★★★★ VGP / European Ecolabel compliant: Minimally toxic, non-bioaccumulative and biodegradable. No sheen formula.	★★★★ VGP / European Ecolabel compliant: Minimally toxic, non-bioaccumulative and biodegradable. No sheen formula.	★ Traditional mineral oil technology	★ Traditional mineral oil technology
WATER WASH-OFF (ASTM D4049)	★★★★ Exceptional water wash-off resistance. Ideal for subsea and submerged applications.	★★ Highly resistant to water wash-off.	★★ Highly resistant to water wash-off.	★ Good resistance to water wash-off
APPEARANCE	Soft metallic black grease	Soft off-white grease	Soft translucent amber grease	Soft grey/black grease
PART CODE	 20064 (18KG)  20069 (160KG)	 20074 (18KG)	 20054 (18KG)  20058 (160KG)	 20026 (4KG)  20024 (18KG)

AEROSOLS	BIOGEN® Spray	WIRE ROPE Spray
TARGET APPLICATIONS	     	   
CORROSION RESISTANCE (ASTM B-117 SALT SPRAY TEST)	<p>★★</p> <p>>1000 hours</p>	<p>★</p> <p><1000 hours</p>
OPERATING TEMPERATURE RANGE	<p>★★★</p> <p>-50 to +180°C</p> <p>Suitable for arctic condition</p>	<p>★★</p> <p>-30 to +100°C</p>
PENETRATION	<p>★★★</p> <p>Pseudoplastic rheology aids penetration of the lubricant into strands of wire rope, ensuring deeper protection</p>	<p>★★</p> <p>Semi-fluid grease aids penetration into the rope</p>
ENVIRONMENTAL PROFILE	<p>★★</p> <p>Biodegradable and environmentally considerate</p>	<p>★</p> <p>Traditional mineral oil technology</p>
APPEARANCE	Soft metallic black aerosolised grease	Soft grey/black aerosolised grease
PART CODE	 <p>20065 (400ml)</p>	 <p>20015 (400ml)</p>
FLUIDS	BIOGEN® Fluid	WIRE ROPE Fluid
TARGET APPLICATIONS	     	   
CORROSION RESISTANCE (ASTM B-117 SALT SPRAY TEST)	<p>★★</p> <p>>1000 hours</p>	<p>★</p> <p><1000 hours</p>
OPERATING TEMPERATURE RANGE	<p>★★★</p> <p>-50 to +180°C</p> <p>Does not melt with active heave compensation; suitable for arctic conditions</p>	<p>★★</p> <p>-30 to +100°C</p>
PENETRATION	<p>★★★</p> <p>Pseudoplastic rheology aids penetration of the lubricant into strands of wire rope, ensuring deeper protection</p>	<p>★★</p> <p>Semi-fluid grease aids penetration into the rope</p>
ENVIRONMENTAL PROFILE	<p>★★</p> <p>Biodegradable and environmentally considerate</p>	<p>★</p> <p>Traditional mineral oil technology</p>
APPEARANCE	Dark grey fluid	Grey fluid
PART CODE	 <p>20085 (20L)</p>	 <p>20046 (5L)</p>  <p>20045 (20L)</p>