



PRODUCT DATA SHEET



BIODEGRADABLE WIRE ROPE COATING GREASE

Biodegradable Wire Rope Coating Grease is a seed oil-based, organo-clay thickened grease used to lubricate and protect wire ropes in harsh environments. **Biodegradable Wire Rope Coating Grease** is >60% biodegradable according to the stringent ASTM D5864 (OECD 301B) test protocol. Its renewable content is >80%. The product is fortified with rust and corrosion inhibitors providing protection in severe marine environments. It has excellent resistance to softening under extreme working conditions as well as excellent water washout resistance. **Biodegradable Wire Rope Coating Grease** forms a durable film that resists age hardening and oil separation.

Biodegradable Wire Rope Coating Grease passes the EPA Static Sheen Test with no sheen formation.

Applications

- Marine wire ropes including mooring wires, on board crane ropes and other stationary or running ropes
- Industrial cables and wire ropes
- Container cranes and other dockside wire ropes
- Tow cables

Features and Benefits

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| • Readily biodegradable and non-toxic | Minimal environmental impact. High biodegradability and low bioaccumulation. Non-toxic components. |
| • Rust and corrosion inhibited | Provides excellent equipment protection against rust and corrosion. |
| • Water resistant | Resists water washout and forms a long life protective film. |
| • Resists age hardening and oil separation | Retains consistency during long intervals between applications. |

General Description

Biodegradable Wire Rope Coating Grease is a highly biodegradable and adhesive wire rope lubricant and protectant designed for use in the harshest environments. It is easily applied to wire ropes manually or by clamp type pressure applicator.

Product No. 301207

BIODEGRADABLE WIRE ROPE COATING GREASE

TYPICAL PROPERTIES

<u>Product No.</u>	<u>301207</u>
<u>Old Product No.</u>	<u>40080</u>
NLGI Grade	1
Penetration, worked (60 Strokes), ASTM D217 mm/10	325
Thickener Type	Organo-clay
Viscosity (Base Fluid), ASTM D445 @ 40°C, cSt	199
@ 100°C, cSt	26.6
Oil Separation, ASTM D6184 @ 100°C (212°F), 30 hrs, weight %	<1.0
4-Ball EP Test, ASTM D2596 Weld Load, kg	200
Load Wear Index, kg	34
4-Ball Wear Test, ASTM D2266 @ 1200 rpm, 40 kg, 1 hr, 75°C Scar Diameter, mm	0.58
Rust Protection, ASTM D1743, rating	Pass
Biodegradability, ASTM D5864 (OECD 301B) %	71.5
EPA Static Sheen Test	Pass
Useful Temperature Range °C	-15 to 177
(°F)	(5 to 350)
Color	Amber