

GREASE-PLUS BIO CPL

BIODEGRADABLE GREASES

326200301



BIODEGRADABLE CABLE PROTECTOR AND LUBRICANT

This biodegradable lubricant is a semi-fluid, solvent-free product that contains solids. It has been formulated to provide lubrication and corrosion prevention for wire ropes under all conditions. This product can also help reduce wear and prevent seizing in chains, joints, wheel flanks, and other applications. Additionally, it has excellent conductive properties. The ingredients used in this product biodegrade naturally through microorganisms, making it environmentally friendly compared to conventional rope lubricants. This product is commonly used in various applications such as dockside cranes, draglines, water treatment facilities, and other situations where biodegradable lubricants are preferred due to environmental concerns. It is also suitable for lubricating wheel flanks in railway operations.

CATEGORY

- Greases

BENEFITS

- Good pumpability and therefore suitable for centralized lubrication systems
- Good lubricating properties
- Contains MoS₂
- Good low temperature properties
- Extends wire rope life
- Extensive covering power
- Thin film eliminates fling-off
- Water repellent film ensures long life
- Added MoS₂ reduces wear between the strands of the rope

PROPERTY	METHOD	VALUE
Colour		Metallic grey
Thickener		Inorganic
Base oil		Synthetic ester
Base oil viscosity @ 40 °C, mm ² /s		820
NLGI class		00/000
Density @ 25 °C, kg/dm ³		0.975
Dropping Point, °C	ASTM D2265	>200
Water Washout, % wt	ASTM D1264	4.7
Copper corrosion	ASTM D4048	1b
Biodegradability, % wt	ASTM D7373	72.3
Operating temperature, °C		-20 - 150

All data on this technical data sheet is indicative only

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