

Brugarolas



Industrial Lubricants



CRANE LUBRICATION



TELESCOPIC CRANES

To ensure correct operation and extend the useful life of telescopic cranes, it is necessary to perform good maintenance, which highlights the lubrication of the moving parts that guarantees smooth movement without jerks.

The lubricants used in cranes must provide the adequate coefficient of friction while being able to withstand extreme temperatures and exposure to contaminants such as dust and water.

The lubricants developed by Brugarolas in its R&D facilities provide optimal lubrication, avoiding metal-metal contact, protecting against external contaminants, avoiding oxidation and ensuring the correct coefficient of friction that guarantees the best performance of the crane.

SLIDING METAL PLATES

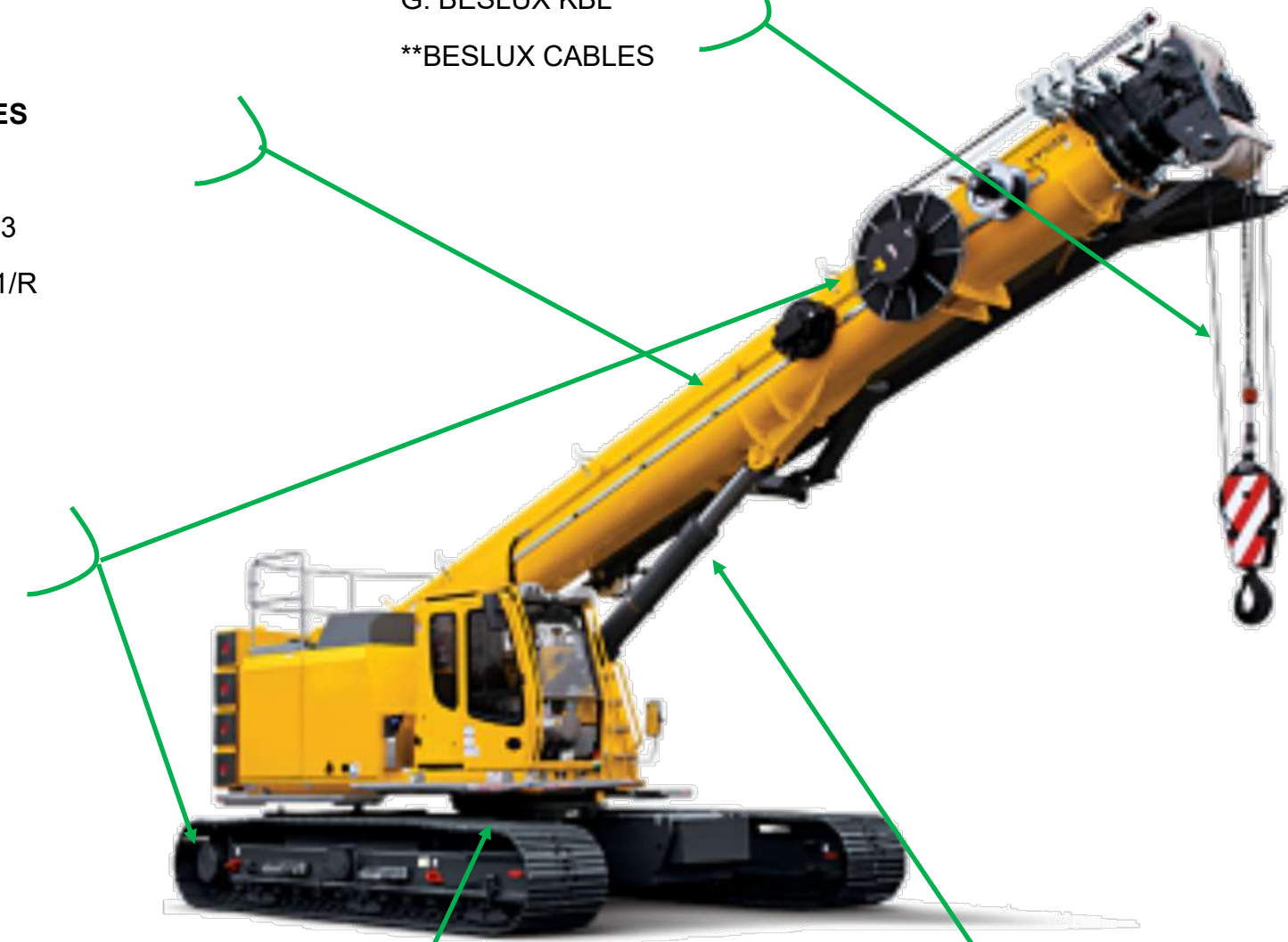
- G. BESLUX ELG-232
- G. BESLUX BESSIL EH-3
- G. BESLUX CROWN H-1/R

FLAT BALL BEARINGS

- G. BESLUX SULPLEX M-2 PLUS
- G. BESLUX BIOGREASE M-2/G
- G.A. PLEX-2 BT
- G.A. BESMOLY CE
- G.A. AUREA EH-0 GREEN

STEEL WIRES

- G. BESLUX SULPLEX ROPE-00
- G. BESLUX KBL
- **BESLUX CABLES



ROTATING RING

- G. BESLUX CROWN H-0 PLUS
- G. BESLUX BIOGREASE M-00/G

HYDRAULICS

- FLUID DRIVE HM-46 / 68
- BESLUX DIVOL HV-46 / 68



AUTOMATIC LUBRICATION



CENTRALIZED LUBRICATION

- G.A. AUREA EH-0 GREEN
- G.A. N.850 EP-00
- G.A. N.850 EP-000

CLOSED GEARS

- BESLUX GEAR XPM RANGE
- BESLUX GEAR BIO ATOX RANGE
- EXTRA GEAR RANGE
- G. BESLUX SINCART M-00

PORT CRANES

Port cranes are highly used equipment where availability is a priority. These equipments are subject to the harmful effect of saltpetre, humidity and high loads, so protection against corrosion and resistance to water and high loads are important characteristics that the lubricants used must have.

Brugarolas oils and greases are designed to be able to effectively protect against marine corrosion, to ensure their adherence to surfaces and their effectiveness at low temperatures and high loads.

Beslux Lube automatic lubricators ensure continuous, dirt-free lubrication at critical and difficult-to-access points with a complete range of the most advanced technology greases and oils.

ELECTRIC MOTORS

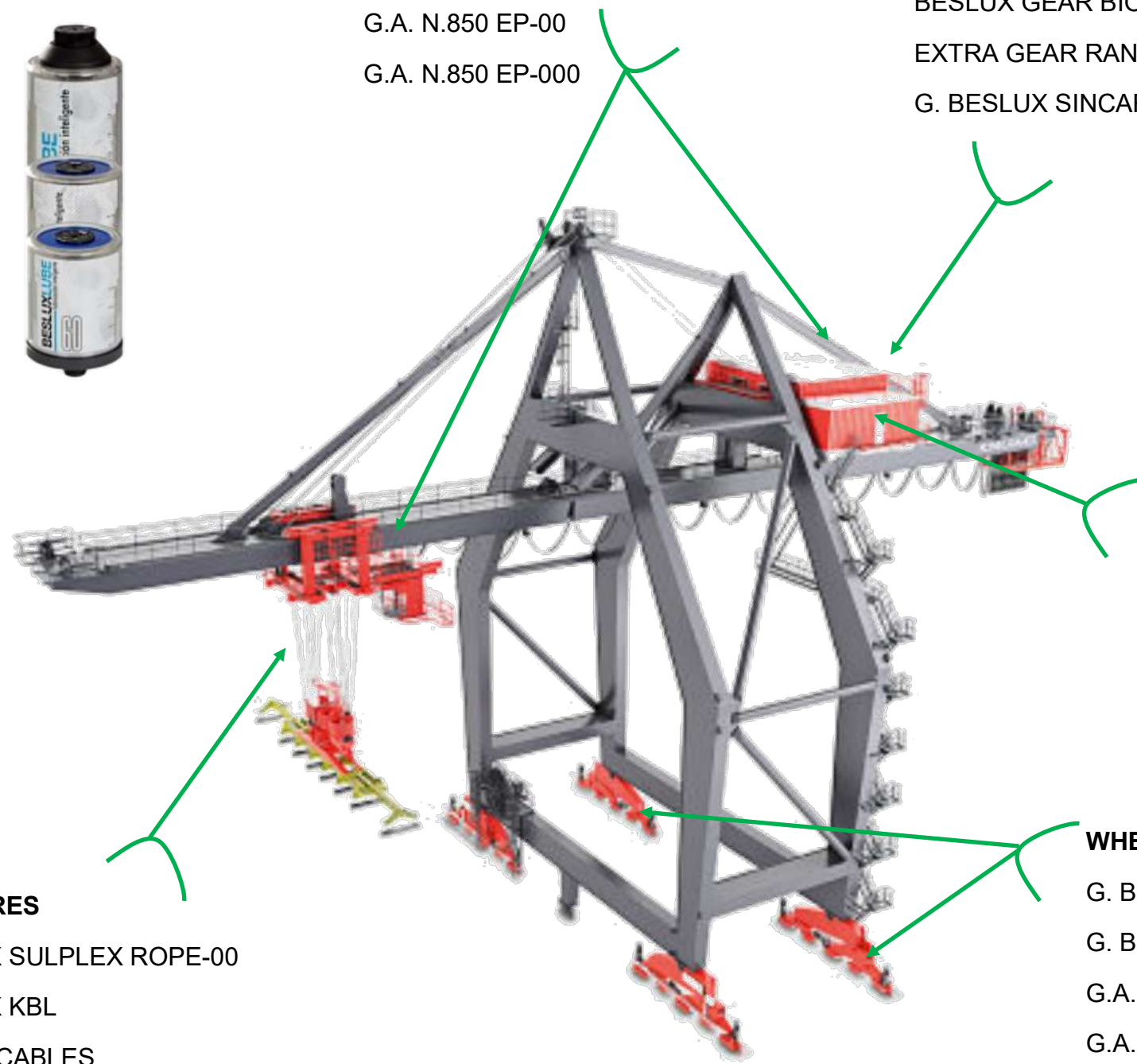
- G. BESLUX KOMPLEX ALFA II
- G. BESLUX PLEX L-2/EP
- G. BESLUX SULPLEX 2/3 AZUL

WHEEL LUBRICATION

- G. BESLUX SULPLEX M-2/G
- G. BESLUX BIOGREASE M-2/G
- G.A. AURA EH-2/GREEN
- G.A. BESMOLY PLUS

STEEL WIRES

- G. BESLUX SULPLEX ROPE-00
- G. BESLUX KBL
- **BESLUX CABLES





WIRE ROPE LUBRICATION

Brugarolas greases ensure the lubrication of the cables both externally and internally, as well as protection against oxidation and corrosion.

	Base oil	Thickener	NLGI	Service temp.
G. BESLUX SULPLEX ROPE-00	Mineral	Calcium sulfonate	00	-20 to 160°C
G. BESLUX KBL	Mineral	Inorganic	00-000	-10 to 150°C
**BESLUX CABLES (Spray)	Mineral	Lithium soap	2	-30 to 120°C

LUBRICATION OF METALLIC PLATES

For the lubrication of contacts between metal parts at low speeds, greases with high viscosity oils and with solid components, such as PTFE or graphite, are required, which prevent wear and seizure of the surfaces.

	Base oil	Thickener	NLGI	Service temp.
G. BESLUX ELG-232	Synthetic	Lithium soap (PTFE)	1/2	-40 to 150°C
G. BESLUX BESSIL EH-3	Silicone	Inorganic (PTFE)	3	-35 to 200°C
G. BESLUX CROWN H-1/R	Mineral	Aluminium complex (graphite)	1	-15 to 150°C (450°C)

ELECTRIC MOTOR LUBRICATION

Electric motors require greases capable of working at high speeds and that can withstand vibrations and both low and high temperatures.

	Base oil	Thickener	NLGI	Service temp.
G. BESLUX KOMPLEX ALFA II	Synthetic	Polyurea	2	-40 to 180°C
G. BESLUX PLEX L-2/EP	Semi synthetic	Lithium complex	2	-40 to 160°C
G. BESLUX SULPLEX 2/3 AZUL	Mineral	Calcium sulfonate	2/3	-30 to 160°C

BIODEGRADABLE GREASES

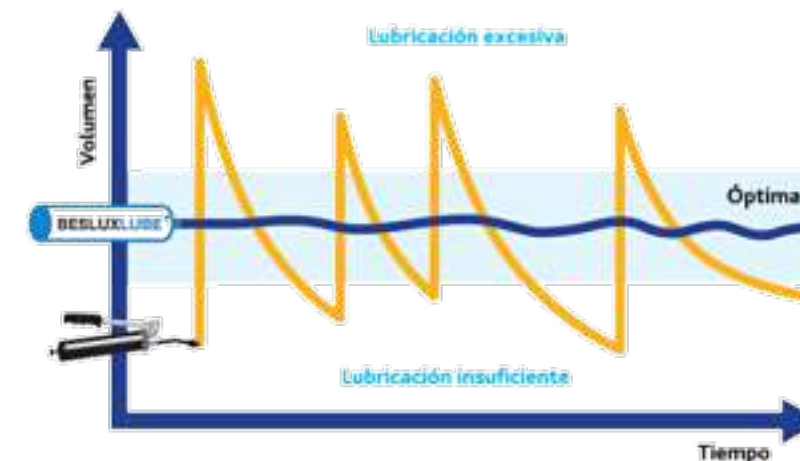
In activities in which there is a risk of accidental spillage of lubricants into the environment, it is advisable to use biodegradable products that degrade and disappear naturally.

	Base oil	Thickener	NLGI	Service temp.
G. BESLUX BIOGREASE M-2 HT	Natural ester	Lithium soap	2	-20 to 125°C
G. BESLUX BIOGREASE M-00/G	Natural ester	Lithium soap	00	-20 to 80°C
G. BESLUX BIOGREASE M-2/G	Natural ester	Lithium soap	2	-30 to 80°C

AUTOMATIC LUBRICATION

The use of Beslux Lube automatic lubricators achieves the optimal lubricant dosage at the required point. Beslux Lube guarantees the supply of fresh Grease constantly and in the right amount, with the consequent savings in lubricant consumption, with a duration of up to 12 months.

	Base oil	Thickener	NLGI	Service temp.
BESLUX LUBE X-2	Mineral	Lithium complex	2	-20 to 150°C
BESLUX LUBE ALFA 2	Synthetic	Polyurea	2	-40 to 180°C
BESLUX LUBE M2/BM	Mineral	Lithium complex	2	-20 to 150°C
BESLUX LUBE KM 2	Mineral	Polyurea	2	-20 to 150°C
BESLUX LUBE SH PLUS	Mineral	Calcium sulfonate	1/2	-15 to 160°C



Brugarolas



Automotive Industry



Steel Industry



Railway Sector



Wind Turbines



Mining Industry



Paper Industry



Cartridge Greases



Industrial Aerosols



Sulfonate Greases



Assembly Pastes



Fluorinated Greases



Anti-noise Lubric.



Valves and taps



Cables



Pelletizers



Elastomers



Lower Sump Gear



Electric motors

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