

Brugarolas



Industrial lubricants



LUBRICATING GREASES

GEARBOXES



PROBLEM AREA

The correct lubrication of gearboxes reducers, variable speed drives, gear cases, etc., must be done having in mind all small variables related to their design, used materials, working conditions, turn speeds, power, working temperature and working position.

The complete knowledge of the lubrication requirements of the part to be lubricated, will guarantee lubricant selection and will ensure the best working conditions, avoiding breakdowns, early material destruction, and enhancing the product's life .



SOLUTION

Brugarolas develops and suggests a wide range of top-end fluid greases to confront different working conditions to which the grease will be exposed.

The use of fluid greases for gearbox system lubrication, will guarantee the following general advantages and properties when comparing to lubricating oils :

- Noise and vibration reduction
- Higher lubricant film thickness
- Higher adherence and affinity on toothed surface
- Less fluidity, therefore, less liquid leaks
- Higher sealing and watertightness capacity


Fluid lubricating greases formulated with a thickener, base oil and additives, are specially designed to achieve excellent flow levels when inside the sump, lubricating correctly all lube points, including gears and existent bearings.

A specialized **Brugarolas** technician will study each case individually and posteriorly give their professional advice in order to recommend the most suitable product .





FLUID LUBRICATING GREASES

Lubricating grease	Thickener	Base oil	NLGI	Temp. (°C)	Application
G.A. N.850 EP-0000	Lithium	Mineral (100 cSt)	0000	-20 a 120	Gearbox systems that require a very EP fluid grease
G.A. N.850 EP-000	Lithium	Mineral (100 cSt)	000	-20 a 120	Gearbox systems that require a very EP fluid grease
G.A. N.850 EP-00	Lithium	Mineral (100 cSt)	00	-20 a 120	Gearbox systems that require an EP fluid grease
G. BESLUX GEARLUB EH-00	Lithium	Mineral (680 cSt)	00	-20 a 150	Gearbox systems exposed to very heavy loads (FZG ≥ 12)
G. BESLUX SINGEAR M-00	Inorganic	Semi-Synthetic (150 cSt)	00	-30 a 140	Gearbox systems that require of a life long lubricant with mineral base oil
G. BESLUX SINCART M-00	Lithium	Polyglycol (150 cSt)	00	-45 a 150	Worm gearbox systems that require a life long lubricant (FZG > 12)
G. BESLUX KOMPLEX H-00/PG	Polyurea	Polyglycol (460 cSt)	00	-40 a 160	Worm gearbox systems exposed to high temperatures
G. BESLUX ATOX M-00 	Aluminium complex	Synthetic (150 cSt)	00/000	-40 a 130	Gearbox systems for the food industry
G. BESLUX PLEX RBT	Lithium	Synthetic (32 cSt)	00	-45 a 135	Gearbox systems for robots



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GRASAS LUBRICANTES ESPECIALES
INDUSTRIA DEL AUTOMÓVIL

Automotive industry

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GRASAS LUBRICANTES
INDUSTRIA SIDERÚRGICA

Steel industry

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GRASAS LUBRICANTES
SECTOR FERROVIARIO

Railway industry

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LUBRICANTES ESPECIALES
AEROGENERADORES

Wind mills

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Lubricantes Industriales

GRASAS LUBRICANTES
INDUSTRIA MINERA

Mining

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GRASAS LUBRICANTES
INDUSTRIA PAPELERA

Paper industry

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Lubricantes Industriales

AGUILA BESLUX LUBE SHUTTLE

GRASAS EN CARTUCHO

Cartridge of grease

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Lubricantes Industriales

AEROSOL
INDUSTRIALES

Industrial sprays

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GRASAS BESLUX SULPLEX

Beslux Sulplex greases

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GRASAS BESLUX BIOGREASE

Biodegradable lubr.

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GRASAS BESLUX FLUOR

Fluorinated greases

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LUBRICANTES ANTI-RUIDOS

Antinoise lubricants

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LUBRICACIÓN DE VÁLVULAS
Y GRIFOS

Valves and taps

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GRASAS DE ALTO RENDIMIENTO
LUBRICACIÓN DE CABLES

Wire ropes

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GRASAS DE ALTO RENDIMIENTO
LUBRICACIÓN DE
PRENSAS DE PELLETS

Pellet presses

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LUBRICANTES KRYTOX
LUBRICACIÓN DE ELASTÓMEROS

Elastomers

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LUBRICACIÓN DE TRANSMISIONES PIÑÓN-CORONA
ENGRANAJES ABIERTOS

Open gears

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GRASAS DE ALTAS PRESTACIONES
LUBRICACIÓN DE
MOTORES ELÉCTRICOS

Electric motors

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