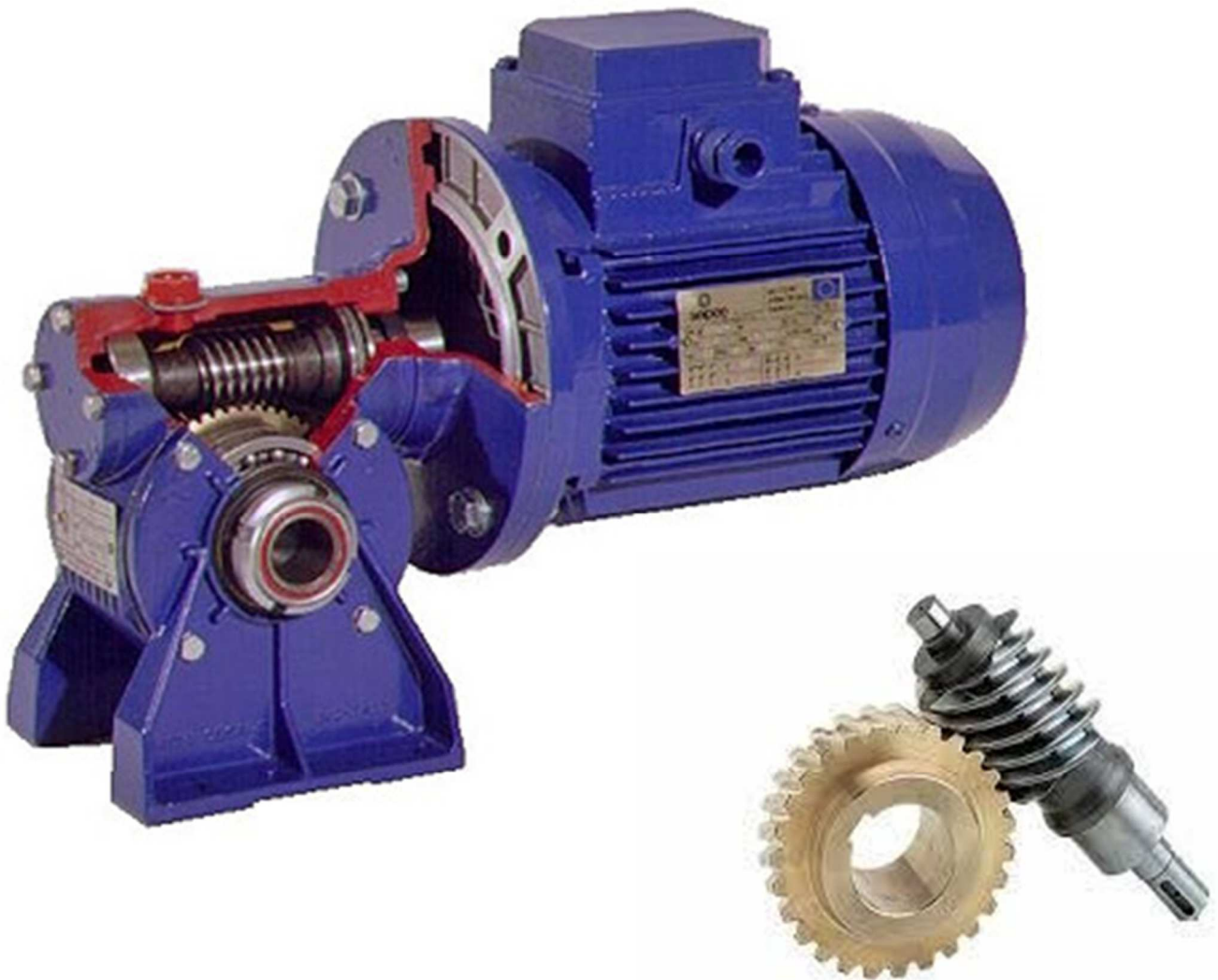


# Brugarolas



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



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Lubricantes Industriales

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 Industriales

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

AEROSLES  
INDUSTRIALES

Industrial sprays

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NUEVA GENERACIÓN DE GRASAS LUBRICANTES  
PARA INDUSTRIA SIDERÚRGICA  
GRASAS BESLUX SULPLEX

Beslux Sulplex greases

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LUBRICANTES BIODEGRADABLES  
GRASAS BESLUX BIOGREASE

Biodegradable lubr.

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UNA SOLUCIÓN INTEGRAL EN LUBRICACIÓN  
GRASAS BESLUX FLUOR

Fluorinated greases

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LUBRICACIÓN DE RUIDOS  
LUBRICACIÓN DE COMBUSTIBLES  
ELABORACIÓN DE INYECTORES

INDUSTRIA DEL AUTOMÓVIL  
LUBRICANTES ANTI-RUIDOS

Antinoise lubricants

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Lubricantes Industriales

Válvulas de gas  
Válvulas de agua  
Válvulas de oxígeno  
Grifos monocomando

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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