

# GREASES



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# GREASES

## SPECIAL GREASES

GRESOL SL/I	NLGI	Soap Type	Worked Penetration (25°C, 60 strokes)	Dropping Point (°C)	Welding Load (Four-Ball Method) (kg)	Working Temperature (°C)
	2	Does not contain soap	265-295	270	200	(-45) – (250)

Synthetic oil-based, long-lasting, high pressure and temperature resistant, high performance food grade grease that can also be used at very low temperatures. It is used especially in the sanitary fittings and valve industry due to its high mechanical stability and very good water resistance. May be incompatible with other greases. Therefore, do not mix with other greases, clean the equipment to be used.

### SPECIFICATIONS/APPROVALS

NSF Category H1

GRESOL GEP 72	NLGI	Color	Soap Type	Base Oil Viscosity (40°C, cSt)	Worked Penetration (25°C, 60 strokes)	Dropping Point (°C)	Welding Load (Four-Ball Method) (kg)
	2	Dark Brown	Lithium-Calcium Complex	1130	265-295	260	540

Mineral oil based and new type Lithium Calcium Carbonate complex soap lubricating grease. In addition to mineral oil and soap, it contains oxidation & corrosion preventive additives that prevent wear and reduce the effect of shock loads. They are especially formulated to be used on yellow and bronze bearings.

GRESOL POLY PRG 2	NLGI	Color	Soap Type	Worked Penetration (25°C, 60 strokes)	Dropping Point (°C)	Corrosion Protection
	2	Light Brown	Polyurea	265-295	Min. 255	No corrosion

Long-lasting, semi-synthetic base oil and polyurea based special grease resistant to high temperatures, heavy load, water, corrosion and oxidation. It has been developed especially for lubrication of ball joints in the automotive sector. It is a product that applied with automatic dosing into the ball joints during the assembly. It is used to increase the adhesion effect on steel and plastic components and to improve wetting on friction surfaces with special additives.

GRESOL KSX-2	NLGI	Color	Soap Type	Operating Range	Base Oil Viscosity (40°C, cSt)	Worked Penetration (25°C, 60 strokes)	Worked Penetration (25°C, 100000 strokes)	Dropping Point (°C)	Variation after 100000 strokes, 1/10 mm	4-Balls Weld Load (kg)
	2	Brown	Calcium Sulfonate	-20°C - 180°C	460	265-295	300	Min. 300	-9	500

A new generation calcium sulfonate complex grease formulated with high quality base oils and special additives. It is resistant to high pressure, water and high temperature. It provides high performance at highload operations. When compared to traditional soap-based thickeners it has advanced features as water resistance, load capacity, thermal resistance and corrosion prevention. It is successfully used at iron & steel industry continuous casting, bar & profile rolling operations; sea deck, port equipment applications water resistance required, bearing lubrications that working at high load & temperatures, paper production facilities, open gears, electric motor valves.

GRESOL P 2	NLGI	Color	Soap Type	Worked Penetration (25°C, 60 strokes)	Dropping Point (°C)	Corrosion Preventive Properties
	2	Yellow, Consistent	Does not contain soap	275	>300	No corrosion

Special non-soap grease, is resistant to high temperatures, water and pressure with no drip point. Thanks to its special additives, it is resistant to corrosion and is used successfully even in the most difficult conditions. They are used to lubricate low and medium speed bearings operating at high loads and high temperatures. They can be used in applications such as roller bearings in the steel industry, sieve coolers in the cement industry, rotary steam unions, bearings and chains of furnace conveyors, lubrication of casting line bearings where temperature and load are very high, lubrication of bearings and crusher bearings of heavy duty machines.

## MULTI-PURPOSE GREASES

GRESON LKM 2	NLGI	Color	Soap Type	Base Oil Viscosity (40°C, cSt)	Base Oil Viscosity (100°C, cSt)	Worked Penetration (25°C, 60 strokes)	Dropping Point (°C)	Welding Load (kg)	Corrosion Test
	2	Gray-Black	Lithium Complex	150	15	275	250	Min. 400	No corrosion

Lithium complex soap grease. It contains EP additives as well as additives preventing oxidation, corrosion and wear. Its lubricating property is reinforced with the solid lubricant molybdenum disulphide (MoS<sub>2</sub>). It is long-lasting, high-pressure and temperature-resistant high-performance grease. It is used with success in industrial applications with high temperature, water and high shocked loads. It provides superior performance in motor vehicle bearings, chassis components, roller and slide bearings operating under heavy loads. It is a grease with wide application area in the automotive sector and industry thanks to its high mechanical stability. It is also used successfully in axle bearings operating at high temperatures (150°C).

GRESON LK-246	NLGI	Color	Soap Type	Base Oil Viscosity (40°C, cSt)	Worked Penetration (25°C, 60 strokes)	Dropping Point (°C)	Welding Load (kg)	Corrosion Test
	2	Blue	Lithium Complex	460	265-295	min. 250	min. 315	No corrosion

Long-lasting, high-performance grease with high water, oxidation, rust and corrosion resistance, containing Lithium-Complex soap and EP additive. As it is long-lasting, pressure and temperature-resistant high performance grease, it is used with success in industrial applications with temperature, water and high shock loads. It is a grease with wide application area in the automotive sector and industry thanks to its high mechanical stability. It is also used successfully in axle bearings operating at high temperatures (150°C).

GRESON LK 146	NLGI	Color	Soap Type	Base Oil Viscosity (40°C, cSt)	Worked Penetration (25°C, 60 strokes)	Dropping Point (°C)	Welding Load (kg)	Corrosion Test
	2	Blue	Lithium Complex	460	300-325	min. 250	min. 300	Pass

Long-lasting, high-performance grease with high water, oxidation, rust and corrosion resistance, containing Lithium-Complex soap and EP additive. As it is long-lasting, pressure and temperature-resistant high performance grease, it is used with success in industrial applications with temperature, water and high shock loads. It is a grease with wide application area in the automotive sector and industry thanks to its high mechanical stability. It is also used successfully in axle bearings operating at high temperatures (150°C).

GRESON LK 2	NLGI	Color	Soap Type	Base Oil Viscosity (40°C, cSt)	Base Oil Viscosity (100°C, cSt)	Worked Penetration (25°C, 60 strokes)	Dropping Point (°C)	Welding Load (Four-Ball Method) (kg) min	Corrosion Preventive Properties
	2	Brown	Lithium Complex	150	15	265-295	250	300	No corrosion

Long-lasting, high-performance grease with high water, oxidation, rust and corrosion resistance, containing Lithium-Complex soap and EP additive. It is used with success in industrial applications with high temperature, water and high shock loads. It provides superior performance in motor vehicle bearings, chassis components, roller and slide bearings operating under heavy loads. It is a grease with wide application area in the automotive sector and industry thanks to its high mechanical stability. It is also used successfully in axle bearings operating at high temperatures (150°C).

GRESON LIT M 2	NLGI	Color	Soap Type	Worked Penetration (25°C, 60 strokes)	Dropping Point (°C)	Corrosion Preventive Properties	Oil Separation (% , 40°C, 18 h)
	2	Gray-Black	Lithium	275	180	No corrosion	5

Lithium soap grease. It contains EP additives, as well as additives preventing oxidation, corrosion and wear. Its lubrication property is reinforced by the solid lubricant molybdenum disulfide. It is a grease recommended for wide range of industrial applications; including heavy-duty applications, high speed & load plain and roller bearings, all types of sliding surfaces, vertical shaft applications, electric motors, lubrication of automotive equipments.



## MULTI-PURPOSE GREASES

GRESON LIT EP GREASES	NLGI	Color	Soap Type	Base Oil Viscosity (40°C, cSt)	Worked Penetration (25°C, 60 strokes)	Dropping Point (°C)	Oil Separation (% , 40°C, 18 h)	Corrosion Preventive Properties	Welding Load (Four-Ball Method) (kg) min
GRESON LIT EP 0	0	Yellow	Lithium	160	375	140	8	No corrosion	280
GRESON LIT EP 00	00	Yellow	Lithium	160	420	110	10	No corrosion	280
GRESON LIT EP 000	000	Yellow	Lithium	160	465	-	10	No corrosion	280
GRESON LIT EP 1	1	Yellow	Lithium	160	330	180	6	No corrosion	280
GRESON LIT EP 2	2	Yellow	Lithium	160	275	190	5	No corrosion	280
GRESON LIT EP 3	3	Yellow	Lithium	160	240	195	4	No corrosion	280

Lithium-based, long-lasting general-purpose industrial greases with high resistance to wear, corrosion and water wash-out, produced with mineral base oil and high pressure additives. They are greases recommended for wide range of industrial applications; including heavy-duty applications, high speed & load plain and roller bearings, all types of sliding surfaces, vertical shaft applications, electric motors, lubrication of automotive equipments. Thanks to their excellent protection against rust and corrosion with their resistance to water wash-out, these greases are also suitable for humid environment conditions.

GRESON LIT GREASES	NLGI	Soap Type	Worked Penetration (25°C, 60 strokes)	Dropping Point (°C)	Corrosion Preventive Properties	Oil Separation (% , 40°C, 18 h)
GRESON LIT 2	2	Lithium	275	190	No corrosion	5
GRESON LIT 3	3	Lithium	240	195	No corrosion	5

Lithium-based, long-lasting, general purpose industrial greases with high water, oxidation, rust and corrosion resistance. They are high performance greases used in plain and roller bearings exposed to medium load, all kinds of sliding surfaces, vertical shaft applications, electric motors and automotive equipments when necessary.

GRESON KG 3	NLGI	Color	Soap Type	Worked Penetration (25°C, 60 strokes)	Dropping Point (°C)	Oil Separation (% , 40°C, 18 h)
	3	Green	Calcium	220-250	Min. 90	Max. 5

A sticky grease produced with high quality base oils and special additives with calcium soap thickener, high water resistance used in moderate loads. Long-lasting, adhesive type bearing greases with high resistance to oxidation and corrosion. It is used successfully in normal load and speed bearings (roller bearings) and in the automotive industry where water presence is inevitable, operating temperature should be between (-15) - (+60) °C. By resisting to water it does not leave the bearings with water contact and provides effective lubrication.

CUP GREASES	NLGI	Color	Soap Type	Worked Penetration (25°C, 60 strokes)	Dropping Point (°C)	Oil Separation (% , 40°C, 18 h)
CUP GREASE 2	2	Dark Red	Calcium	265-295	85	Max. 6
CUP GREASE 3	3	Dark Red	Calcium	220-250	90	Max. 5

Calcium soap greases produced with high quality base oils and special additives, with high water resistance and used for medium loads. Long-lasting, adhesive type bearing greases with high resistance to oxidation and corrosion. They are used successfully in normal load and speed bearings (roller bearings) and in the automotive industry where water presence is inevitable, operating temperature should be between (-15) - (+50) °C.