



LITHIUM COMPLEX GREASE

High performance multipurpose lubricant grease made from hydrotreated mineral oil, with lithium complex soap and extreme pressure (EP) additives, stable to mechanical work with high loads, it also offers resistance against water contamination, they do not soften easily and it does not lose oil in service since it has a wide temperature range exceeding conventional lithium grease.

They have a high level of chemical stability and excellent protection against rust and corrosion. They feature high dropping points and the maximum recommended operating temperature is 180 ° C (338 ° F).

USES

This lubricating grease has a wide variety of applications which covers high service performance. Among them are the industrial, automotive, construction and marine sectors. How can we specify the lubrication of the chassis, ball joint type suspensions (Ball joints), CV joints, bearings, wheel bearings. Its high performance avoids excessive wear, bringing the equipment to its maximum efficiency, extending the useful life of the equipment. Ideal for those mechanisms in which frequent relubrication is difficult.

PROPERTIES

- Extends relubrication intervals.
- Excellent extreme pressure properties which allows it to withstand considerable loads.
- Prevents grease leakage at high speed lubrication, reducing equipment wear.
- Stable at high temperatures, otherwise at low temperatures it is easily pumpable.
- Mechanical stability, supports prolonged working conditions without significant loss of its mechanical properties.
- Better thermal stability than common lithium, can be used at high temperatures, has a dropping point of 250 ° C.
- Resistance to oxidation and corrosion.
- Excellent sealing action and resistance to water washout.

HEALTH AND SAFETY

This product does not present a health or safety risk as long as good personal and industrial hygiene practices are maintained. In case of skin contact, wash immediately with soap and water. Do not dispose of your waste into the sewer.

Protect our environment.



TYPICAL PROPERTIES

PHYSICOCHEMICAL TESTS	UNIT	METHOD	AVERAGE VALUES	
NLGI grade	-	-	2	3
Soap Type	-	-	Lithium Complex	
Color	-	VISUAL	Green	Green
Odor	-	Organoleptic	Characteristic, due to the smell of the extreme pressure additive	
Penetration 60 strokes, @ (25 ° C)	0.1mm	ASTM D-217	276	240
Dropping point	°C	ASTM D-2265	250	250
Oil Viscosity @ 40 ° C	cSt	ASTM D-445	220	220
Oil Viscosity @ 100 ° C	cSt	ASTM D-2270	17	17
4-ball test Weld load	Kg	ASTM D-2596	315	300
4 ball wear test, mark	mm	ASTM D-2266	0.6	0.6
Corrosion Prevention		ASTM D-1743	Approved	Approved
Cold working temperature	°C	-	-25	-25
Hot working temperature	°C	-	180	190
Resistance to washing with water	-	-	Suitable	Suitable

The specifications are average values. In the manufactured batches there may be slight variations that do not affect the quality of the product or the performance.

AVAILABLE SIZES

LITHIUM COMPLEX
• 1Lb can
• 4Lb can
• 35 Lb Bucket (15.86 Kg)
• 400 Lb (181.2 Kg) cylinder