



COGELSA®

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TECHNICAL DATA SHEET

ULTRAPLEX LT - 2

LITHIUM COMPLEX GREASE

Description:

Grease of mineral base and complex lithium soap with **EP** (Extreme Pressure) additives.

Applications:

Specially indicated for the lubrication of:

- Bearings subject to high mechanical efforts, high temperatures and the presence of water, like for instance pellet forming machines, automobiles, agricultural machines and public work machines
- Bearings of ventilators, furnaces and dryers in textile industry, wood industry, plastic and food and beverage industries.
- Bearings of calenders and steam heated cylinders of driers.

Properties:

- High dropping point allowing high temperature operation, from 200 up to 220 °C for short periods, and from 150- 160°C as normal working temperature.
- The special composition and manufacturing process assure a high mechanical stability, maintaining its consistency, structure and adherence including in operational conditions of great effort, in the presence of aggressive factors such as moisture and water vapors.
- Good load carrying capacity.
- Suitable for bearings at medium - high speeds (speed factor ndm up to 500.000).
- High resistance to aging, which avoids degradation of the grease in service even for long intervals of lubrication.
- High protection to the corrosion of the metallic parts.
- High resistance to water

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Assessment with respect to the elaboration and utilization of “plannings” for the control and conservation of plants and industrial equipment. COMPAÑIA GENERAL DE LUBRICANTES S.A. is not accountable for the legal actions arised from the inadequate use of the product or products, herein referred to, being, according to our criteria, correct and complying with the quoted DESCRIPTIONS and APPLICATIONS contained herein.



ULTRAPLEX LT 2

Quality level:

- ISO – L – XBGE B 2

Technical data:

	Norm	Typical values	Units
Appearance	-	Blue grease	-
Penetration at 25°C			
- After 60 strokes	ASTM D-217	275	mm x 10 ⁻¹
- After 10,000 strokes		290	
Consistency NLGI	ISO 2137	2	-
Dropping point	ASTM D-566	266	°C
Water resistance at 90°C	DIN 51807/T1	1	-
Welding load – Four ball test	ASTM D-2783	315	Kg
Oil separation	ASTM D-6184	2,5	%
Working range temperatures	-	-20 up to +150	°C

These technical descriptions correspond to our present technical knowledge. The data above-mentioned are determined average values. Derivations within the usual tolerances can take place.

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