

ULTRAPLEX LT (RANGE)

LITHIUM COMPLEX GREASE

DESCRIPTION

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

APPLICATIONS

- 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.

ULTRAPLEX LT 1

- ⇒ Due to its soft consistency it is specially indicated for the lubrication through centralized systems.

PROPERTIES

- Normal working temperature from -30 °C up to 150-160 °C, up to 200-220 °C for short periods.
- High mechanical stability, even under 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, even for long intervals of lubrication.
- High protection to the corrosion of the metallic parts.
- High resistance to water

QUALITY LEVEL:

- ISO – L – XBGE 1/2/3

TECHNICAL CHARACTERISTICS

	Method	Typical values			Un.
	ULTRAPLEX LT	1	2	3	-
Appearance	Blue grease				
Consistency NLGI	ISO 2137	1	2	3	-
Penetration at 25 °C	ASTM D-217	320	275	246	mm ⁻¹
Variation at 10 ⁵ strokes	ASTM D-217	+35	+35	+35	mm ⁻¹
Dropping point	ASTM D 566	260	260	260	°C
Water resistance at 90 °C	DIN 51807/T1	1	1	1	-
Welding load, 4 ball test	ASTM D 2596	315	315	315	kg
Oil separation, 24 h., 100 °C	ASTM D 6184	3,5	2,5	1,0	%

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