

## ULTRAPLEX XT 2 SYNT

### SYNTHETIC LITHIUM COMPLEX GREASE

#### DESCRIPTION

Formulated with synthetic bases, complex lithium soap and additives for improving oxidation, rust prevention, antiwear properties and load carrying capacity. It contains PTFE.

#### APPLICATIONS

Specially indicated for the lubrication of:

- Bearings subject to high thermal and mechanical requirements, and the presence of water, like drying roller bearings in paper or textile industries, conveyor bearings in steel industry, etc.
- Bearings of ventilators, furnaces and dryers in textile industry, wood industry, plastic and food and beverage industries.

#### PROPERTIES

- from -35°C up to 180°C, and a peak temperature of 200 °C for short periods with frequent re-lubrication
- high mechanical stability, even in extrem conditions of great effort, under aggressive factors such as moisture and water vapors.
- Good load carrying capacity.
- medium - high speeds (speed factor ndm up to 500.000).
- High resistance to aging.
- High corrosion protection of metallic parts.
- High water resistance.

#### QUALITY LEVEL:

- ISO – L – XCGB 2

#### TECHNICAL CHARACTERISTICS

	Units	Typical values	Method
Appearance	-	Off-white grease	-
Penetration at 25°C			
- At 60 strokes	mm x 10 <sup>-1</sup>	270	ASTM D 217
At 10,000 strokes		293	
Consistency NLGI	-	2	ISO 2137
Dropping point	°C	260	ASTM D 566
Base oil viscosity 40 °C	mm <sup>2</sup> /s	150	ASTM D 445
4 ball test – wear scar, 40 Kg, 75°C, 1 hour	mm	0,57	ASTM D 2266
Welding load – 4 ball test	kg	250	ASTM D 2596
Low temperatura torque (-30°C)			
Starting torque	g.cm	1.073	ASTM D 1478
Torque after 1 hour	g.cm	130	
Copper corrosion – 24h a 100°C	-	1a	ASTM D 4048
Corrosion test EMCOR	-	0	DIN 51.502
Oil separation – 24h a 100°C	%	1,93	ASTM D 6184

Rev: 03/20

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