

## LX 140/2

### High temperature grease

#### characteristics

- Good behaviour at high temperature
- Temperature range : -20°C à +160°C (short term up to +180°C )
- Water resistant
- Good resistance to loads shock
- Protects against corrosion

#### Description

LX140/2 is a lithium complex thickened lubricating grease based on mineral oil. The grease contains antioxidants, corrosion inhibitors, and EP/ AW additives.

The lithium complex soap (reinforced thickener complex technology) makes the product suitable for application within a wide temperature range, and prolongs the relubrication intervals and performance during high temperature conditions.

#### Utilisation

LX140/2 is a modern high performance product suitable for both industrial and automotive applications. The grease can be used in various types of bearing applications including medium load conditions and wet environments.

#### Spécifications

Classification ISO 12924 : L-XBEIB 2

Classification DIN 51502 : KPXP-20

## TYPICAL TECHNICAL DATA: LX 140/2

<u>Désignation</u>	<u>Valeur</u>	<u>unité</u>	<u>Prescription</u>
Color	Green		
Texture	smooth		
NLGI Grade	2		ASTM D 217
Thickener	Lithium Complex		
Penetration 60 strokes	265-295	0.1mm	ISO 2137
Dropping point	>250 °C	°C	IP 296
Base fluid	Mineral		
Base oil viscosity at 40°C	100	mm <sup>2</sup> /s	ASTM D 7152
Base oil viscosity at 100°C	10	mm <sup>2</sup> /s	ASTM D 7152
4 ball weld load	2800	N	DIN 51350 :4
4 ball weld load	315	kg	ASTM D 2596
Temperature range	-20°C à +160°C (max 180°C)	°C	
Test EMCOR, salt water	≤ 2-2		ISO 11007
Density	890	kg/m <sup>3</sup>	IP 530
Water resistance at 79°C	<10	%	ISO 11009
Water resistance at 90°C	0	%	DIN 51807 :1

These indications correspond to the most recent knowledge and developments. However, they do not represent a warranty as to the characteristics or suitability of the product in any particular case. This is why we recommend that the user test the practical usefulness of our products before using them and verify that they fully meet their needs. We are constantly working on the development of our products. This is why we reserve the right to modify the product range, the products themselves and their manufacturing process, as well as all indications on this. be agreed with the customer. With the publication of this Technical Data Sheet, all previous versions of this document lose their validity.

We are specialized in the development of special tribological products in cooperation with users. Our services are at your disposal for personalized advice.

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