



TIXXONLUBE LX SHC 100-2

It is fully synthetic high performance multipurpose complex lithium lubricant based on polyalphaolefins. The lubricant formula contains highly effective anti-corrosion, antioxidant, anti-wear, extreme pressure additives, as well as friction modifier. Even at high temperatures, Tixxonlube LX SHC 100-2 provides effective lubricating film that resists oxidation and corrosion. The product has advanced anti-friction properties, good resistance to loads and effectively operates in water exposure conditions.

Due to its unique properties, Tixxonlube LX SHC 100-2 is used at moderate to high speeds over a wide temperature range, including very low temperatures. The lubricant is used in all types of rolling bearings, high speed bearings, cylindrical and tapered roller bearings.

Tixxonlube LX SHC 100-2 lubricant guarantees low starting and rotating torques, excellent performance in sub-zero temperatures down to -50°C. At the same time, the product does not break down or degrade under influence of heat, and is able to withstand temperatures up to +180°C. The lubricant has high resistance to evaporation, which allows it to retain its properties during operation longer and remain in the working area, which, in turn, significantly increases the interval between lubricant changes.

TYPICAL PHYSICAL AND CHEMICAL PARAMETERS

PARAMETER	STANDARD	VALUE
Grease classification	DIN 51 502	KPHC2R-50
Colour, appearance	Visually	Red
Thickener type	-	Lithium complex
Type of base oil and additives	-	Synthetic (PAO)
Kinematic viscosity of the base oil at 40°C, mm ² /s	DIN 51 562	100
Kinematic viscosity of the base oil at 100°C, mm ² /s	DIN 51 562	10,2
NLGI class	DIN 51 818	2
Mixed grease penetration (60 double strokes), mm/10	DIN ISO 2137	265-295
Drop point, °C	DIN ISO 2176	>265
Flow pressure kPa	DIN 51 805	<1400 at -50°C
Corrosion on copper plate	ASTM D4048	1a
Degree of corrosion (rolling bearings, distilled water)	ASTM D4048	0-0
Welding load at 25°C, N	DIN 51 350	2607
Temperature range, °C	-	From -50 to +180

* Values of the given parameters are typical for currently manufactured products, in the future they can be changed in accordance with the requirements of the manufacturer's specifications.



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Technical specifications Tixxonlube LX SHC 100-2
Product Code: LX SHC 100-2 Revision 20231024 v.2.0



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SAFETY PRECAUTIONS FOR USE

The product is inflame-resistant and belongs to the third hazard class. Before use, read the technical description, safety data sheet and safe use data on the packaging label, information about its physical properties and health hazards.

SHELF LIFE AND STORAGE

When stored below + 40°C in its original unopened packaging, the grease has a shelf life of 60 months from date of manufacture. Maximum preservation of operational qualities is achieved when stored in a cool room in a tightly closed container.

HEALTH SAFETY INFORMATION

Tixxon products, under normal conditions of use and when observing good personal hygiene, do not pose a health hazard. For more information, visit our website www.tixxon.com or consult your local representative.

APPLICATION



manually,
with a standard
grease gun;



with an NLGI 2
central grease
transfer pump.

!! Every time you should work with extreme care in order to avoid contamination of the grease.

LIMITED WARRANTY TERMS. READ THIS SECTION CAREFULLY

The information provided in this document is offered in good faith and is reliable. However, because the conditions and methods of use of our products are beyond our control, this information should not be used as a substitute for your own tests performed to confirm that Tixxon products are safe, effective, and fully satisfy the end use for which they are intended. Suggestions and recommendations for use should not be taken as an inducement to infringe any patent. We warrant only that this product will conform to its current specifications at the time of delivery.



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