



TIXXONLUBE LX XHP 220-2

Lithium complex high quality blue grease based on semi-synthetic base oil and polymer-based, containing antioxidants, corrosion inhibitors and antiscoring additives. The lithium complex thickener extends relubrication intervals due to a high degree of mechanical stability. The grease is adapted to wet conditions due to the inclusion of a polymer in the thickener matrix, which improves adhesion and water resistance properties.

Tixxonlube LX XHP 220-2 is recommended as a special grease for axles and hub bearings for wheels of cars and commercial vehicles and as centralized lubrication systems in transport vehicles, forestry, agricultural, construction and mining vehicles where usage of NLGI 2 grade greases is acceptable.

IT IS USED IN THE FOLLOWING COMPONENTS:

- antifriction-type bearings and friction-type bearings operating for a long time under conditions of high speeds and heavy loads, strong vibrations and high temperatures;
- guide bars;
- bushings, pivots, components where the sealing effect of a lubricant is required to prevent the ingress of dirt, dust and water.

The grease is suitable for long term use as well as for use in a wide temperature range. Excellent versatile performance characteristics make this product the first choice for a variety of bearing types, including under conditions of heavy loads and wet environments.

TYPICAL PHYSICAL AND CHEMICAL PARAMETERS

PARAMETER	STANDARD	VALUE
Grease classification	DIN 51 502	KP2P-30
Grease designation	ISO 6743-9	L-XCEHB 2
Color, appearance	Visually	Blue to dark blue
Thickener type	-	Lithium complex
Type of base oil and additives	-	Semi-synthetic
Kinematic viscosity of the base oil at 40°C, mm ² /s	DIN 51 562	220
Kinematic viscosity of the base oil at 100°C, mm ² /s	DIN 51 562	22,4
NLGI class	DIN 51 818	2
Mixed grease penetration (60 double strokes), mm/10	DIN ISO 2137	265-285
Drop point, °C	DIN ISO 2176	>250
Flow pressure kPa	DIN 51 805	<1400 at -30°C
Loss of grease from the bearing, % mass	ASTM D1263	0,55*
Corrosion on copper plate	ASTM D4048	1a
Degree of corrosion (antifriction-type bearings, distilled water)	ASTM D4048	0-0
Welding load at 25°C, N	DIN 51 350	2930
Wear scar diameter, mm	DIN 51 350	0,5
Temperature range, °C	-	From -30 to +160

* 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 XHP 220-2
Product Code: LX XHP 220-2 Revision 20230921 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.

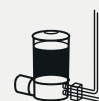
HEALTH SAFETY INFORMATION

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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