



TIXXONLUBE LC LBZ 45-00/000

Tixxonlube LC LBZ 45 is a semi-fluid grease of consistency 00-000 according to NLGI, made on the basis of highly refined mineral oils. The grease is suitable for centralized lubrication systems for trucks, as well as for outdoor equipment with long lubrication lines.

Tixxonlube LC LBZ 45 has a semi-liquid consistency and can be used in many types of gears for which grease lubrication is recommended. The grease contains corrosion inhibitors, antioxidant, anti-seize and anti-wear additives. Due to its specially selected composition and semi-liquid consistency Tixxonlube LC LBZ 45 has excellent fluidity even at very low temperatures.

The product has high oxidation resistance and increased water resistance, perfectly protects surfaces against rust and corrosion and retains its working properties under shock loads.

The grease is suitable for high-speed units, used in wheels of railroad vehicles, in wheel bearings of trucks, in gear drives.

TYPICAL PHYSICAL AND CHEMICAL PARAMETERS

PARAMETER	STANDARD	VALUE
Grease classification	DIN 51 502	GP00/000K-50
Grease designation	ISO 6743-9	ISO-L-XEBEB 00/000
Colour, appearance	Visual	Brown
Thickener type	-	Lithium-calcium
Base oil type and additives	-	Mineral
Kinematic viscosity of the base oil at 40°C, mm ² /s	DIN 51 562	45
Kinematic viscosity of the base oil at 100°C, mm ² /s	DIN 51 562	5,2
NLGI class	DIN 51 818	00/000
Mixed lubricant penetration (60 double strokes), mm/10	DIN ISO 2137	400-460
Drop point, °C	DIN ISO 2176	>160
Flow pressure at -35°C, mbar	DIN 51 805	<60
Corrosion on copper plate	ASTM D4048	1a
Degree of corrosion (rolling bearings, distilled water)	ASTM D4048	0-0
Welding load at 25°C, H	DIN 51 350	2067
Temperature range, °C	-	-50 - +120

* 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 LC LBZ 45-00/000
Product Code: LCLBZ45 Revision 20240220 v.1.0



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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 a 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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