



TIXXONLUBE LX SHC 1500-1,5

Tixxonlube LX SHC 1500-1.5 is special purpose NLGI 1.5 / ISO VG 1500 grade plastic lubricant. It is produced based on high viscosity synthetic (PAO) base oil, it contains polymers to improve adhesion and colloidal stability, as well as set of additives that inhibit corrosion, imparting anti-wear, extreme pressure and antioxidant properties to the lubricant.

Tixxonlube LX SHC 1500-1.5 is designed for use in rolling and plain bearings operating at extremely low speeds, big loads and high temperatures. Recommended operating temperature range is from -20°C to +180°C, with appropriate relubrication intervals, short-term temperature rises up to +200°C are acceptable.

Continuous lubrication with Tixxonlube LX SHC 1500-1.5 extends bearing life under extreme contact pressures. The lubricant has shown excellent performance in roller bearings in rotary kilns and slag carriers.

TYPICAL PHYSICAL AND CHEMICAL PARAMETERS

PARAMETER	STANDARD	VALUE
Grease classification	DIN 51 502	KPHC1,5R-20
Colour, appearance	Visual	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	1500
Kinematic viscosity of the base oil at 100°C, mm ² /s	DIN 51 562	153
NLGI class	DIN 51 818	1,5
Mixed grease penetration (60 double strokes), mm/10	DIN ISO 2137	285-315
Drop point, °C	DIN ISO 2176	>265
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
Wear scar diameter, mm	DIN 51 350	0,5
Temperature range, °C	-	From -20 to +180 (in short moments up to 200°C)

* 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.



TIXXON

Technical specifications Tixxonlube LX SHC 1500-1,5
Product Code: LX SHC 1500-1,5 Revision 20231127 v.2.0



TIXXONLUBE LX SHC 1500-1,5

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.



TIXXON

Technical specifications Tixxonlube LX SHC 1500-1,5
Product Code: LX SHC 1500-1,5 Revision 20231127 v.2.0