



TIXXONLUBE LX SHC PM 460-1,5

Tixxonlube LX SHC PM 460 - 1.5 is made from ISO VG 460 synthetic polyalphaolefin (PAO) base oil and complex lithium thickener. It is enriched with extreme pressure and anti-wear additives, as well as corrosion and oxidation inhibitors, which provide excellent wear protection, corrosion resistance and long-term lubricant life. Due to its thermal stability property, Tixxonlube LX SHC PM 460 protects bearings from overheating even under high loads and speeds. Also, the product retains its water-repellent properties at temperatures up to +180°C.

Tixxonlube LX SHC PM 460 - 1.5 has already proved its effectiveness in paper production at Pulp and Paper Mills. Lubricant is designed for use in most types of paper machine rolling bearings, including paper machine wet end bearings, heavy duty press end bearings, felt roll and multi-roll calender bearings.

Lubricant provides exceptional protection against rust and corrosion when exposed to acidic and alkaline water, making it ideal for use in the wet end of a paper machine. In turn, the low volatility and high oxidative stability of the PAO-based oil ensure high-quality performance of the lubricant at high temperatures, which are typical for the conditions of the dry part of the machine.

TYPICAL PHYSICAL AND CHEMICAL PARAMETERS

PARAMETER	STANDARD	VALUE
Grease classification	DIN 51 502	KPHC1,5R-40
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	460
Kinematic viscosity of the base oil at 100°C, mm ² /s	DIN 51 562	45,2
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 -40 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 PM 460-1,5
Product Code: LX SHC PM 460-1,5 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 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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