



TIXXONLUBE AX SHC 50 PTFE

Tixxonlube AX SHC 50 PTFE is a specialized grease with high PTFE content for telescopic booms of truck cranes, manipulators, loaders. Thanks to PTFE (Teflon) the lubricant is able to provide powerful protection of telescopic mechanisms under high loads, in conditions of vibrations, presence of water and dust. The product is neutral to plastic.

Complex aluminum thickener in the composition provides excellent water resistance, while the synthetic base multiplies the temperature range of operation in winter conditions. Lubricant Tixxonlube AX SHC 50 PTFE retains its performance in the range from -45 ° C to +160 ° C, which ensures reliable operation of the grease in freezing temperatures.

The grease is designed for telescopic booms with PTFE guides and plastic bearings, as well as for the treatment of the outer surface of ropes and for the protection of steel cables. The product is suitable for CLS in case the technical requirements for the lubricant allow the use of NLGI 2 class grease.

TYPICAL PHYSICAL AND CHEMICAL PARAMETERS

PARAMETER	STANDARD	VALUE
Colour, appearance	Visual	Beige
Thickener type	-	Aluminum complex
Base oil type and additives	-	Synthetic
Kinematic viscosity of the base oil at 40°C, mm ² /s	DIN 51 562	ISO VG 46
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	220
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	4136
Temperature range, °C	-	From -45 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 AX SHC 50 PTFE
Product Code: AXSHC50PTFE 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 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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