



TIXXONLUBE U SHC 100-2

Tixxonlube U SHC 100-2 is special purpose high temperature, chemical resistant synthetic lubricant of premium quality based on medium viscosity synthetic polyalphaolefin (PAO) base oil, bentonite thickener and high-performance additive package. Inorganic bentonite thickener found in the lubricant structure has no melting point restrictions.

It is used in bearings of electric motors and hot air fans in drying ovens, for lubrication of plain and rolling bearings, sliding guides operating at high temperatures. This product is particularly effective in electric motor bearings where operating conditions require decreased coefficient of friction, reduced wear and increased service life.

Specific application areas are high speed bearings and thrust bearings where wide temperature range of application is required. Due to the special composition and additive package, the product can operate in weak alkaline and acidic environment.

TYPICAL PHYSICAL AND CHEMICAL PARAMETERS

PARAMETER	STANDARD	VALUE
Grease classification	DIN 51 502	KPHC2S-50
Colour, appearance	Visual	Brown
Thickener type	-	Bentonite
Type of base oil and additives	-	Synthetic (PAO)
Kinematic viscosity of the base oil at 40°C, mm ² /s	DIN 51 562	100
Kinematic viscosity of the base oil at 100°C, mm ² /s	DIN 51 562	10,2
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	>250
Flow pressure kPa	DIN 51 805	<1400
Corrosion on copper plate	ASTM D4048	1b
Welding load at 25°C, N	DIN 51 350	2607
Temperature range, °C	-	From -50 to +200

* 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 U SHC 100-2
Product Code: U SHC 100-2 Revision 20231026 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.

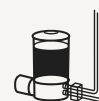
HEALTH SAFETY INFORMATION

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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