



TIXXONLUBE L 160

Tixxonlube L 160 is series of high-performance lithium lubricants suitable for the wide spectrum of general-purpose vehicles and industrial equipment. Lubricants of this series provide protection of bearings in wide temperature range and have advanced water resistance.

Tixxonlube L 160 EP004 and Tixxonlube L 160 EP0 provide good pumpability and are suitable for use in centralized lubrication systems, they are recommended for industrial equipment, including units that operate under severe conditions under increased pressure or shock loads. They are recommended for use in the temperature range from -20°C to +130°C. If frequency of additional lubrication is increased, then the temperature regime can be expanded.

Lubricants of this series are used to lubricate gears of closed type with poor sealing, to lubricate couplings and bearings. In addition, Tixxonlube L 160 lubricants can be used in chain cases where conventional gear oil cannot be used due to leakage, lack of seals or wear.

Tixxonlube L 160 EP2 is recommended as universal lubricant for anti-friction and plain bearings, bushings, pins and other friction units under medium loads.

Tixxonlube L 160 EP3 is NLGI Grade 3 lubricant suitable for applications where it is required maximum protection against the ingress of water or solid contaminants.

TYPICAL PHYSICAL AND CHEMICAL PARAMETERS

PARAMETER	STANDARD	EP004	EP0	EP1	EP2	EP3
Grease classification	DIN 51 502	GP00G-20	GP0G-20	KP1K-20	KP2K-20	KP3K-20
Colour, appearance	Visually	Brown	Brown	Brown	Brown	Brown
Thickener type	-	Lithium	Lithium	Lithium	Lithium	Lithium
Type of base oil and additives	-	Mineral	Mineral	Mineral	Mineral	Mineral
Kinematic viscosity of the base oil at 40°C, mm²/s	DIN 51 562	160	160	160	160	160
Kinematic viscosity of the base oil at 100°C, mm²/s	DIN 51 562	14,8	14,8	14,8	14,8	14,8
NLGI class	DIN 51 818	00	0	1	2	3
Mixed grease penetration (60 double strokes), mm/10	DIN ISO 2137	400-430	355-385	310-340	265-295	220-250
Drop point, °C	DIN ISO 2176	No standard available	No standard available	180	180	180
Corrosion on copper plate	ASTM D4048	1a	1a	1a	1a	1a
Degree of corrosion (rolling bearings, distilled water)	ASTM D4048	0-0	0-0	0-0	0-0	0-0
Welding load at 25°C, H	DIN 51 350	2450	2450	2450	2450	2450
Wear scar diameter, mm	-	0,5	0,5	0,5	0,5	0,5
Temperature range, °C	-	from -20 to +130	from -20 to +130	from -20 to +120	from -20 to +120	from -20 to +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 L 160
Product Code: L 160 Revision 20230703 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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