

Syngrease LK

SPECIAL LITHIUM COMPLEX LUBRICANT GREASE

Description

Syngrease LK is a multipurpose lubricant grease with a complex lithium thickener, formulated with highly refined hydrocarbon bases to ensure optimal lubrication in various applications and severe working conditions.

Syngrease LK is prepared with selected base oils and additives, which give the product good adhesiveness, excellent EP properties, high oxidation resistance and thermal stability.

Syngrease LK composition guarantees long life in service and significant maintenance costs reduction.

Features

- ✓ **Excellent EP properties and high loads resistance**, ensuring great performance even in presence of high pressures.
- ✓ **High oxidation resistance and thermal stability**, to prevent deposits formation and to ensure long product service lifetime, lowering consumptions.
- ✓ **High anti-rust and anti-corrosion properties**, to ensure protection to all mechanical components.
- ✓ **Good adhesivity**, to ensure proper lubrication even in the presence of strains and vibrations.

Main Uses

Syngrease LK is ideal for the lubrication of :

- Plain and rolling bearings
- Gears in general
- Rack and pinion systems
- Joints
- Sledges

Certifications

ISO 6743-9

DIN 51825 / 51502

L-XBFEB 1

KP 1 R-20

L-XBFEB 2

KP 2 R-20

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The final user is free to make his own tests and analysis. Aluchem reserves the right to update this document every time is needed.



Technical Data

	Method	Units	Typical Values	
			1	2
NLGI consistency	ASTM D 217	-		
Colour	-	-	Hazelnut	
Appearance	-	-	Homogeneous fibrous	
Thickener	-	-	Complex Lithium	
Base oil viscosity	ASTM D 445	cSt	220	220
Dropping point	ASTM D 566	°C	> 260	> 260
4 Ball Wearing Diameter	ASTM D 2266	mm	0,48	0,48
4 Ball Welding Test	ASTM D 2596	Kg	> 220	> 220

- **Syngrease LK** suggested thermal range of use: from -20 to 180 °C with peaks up to 200 °C.
- **Syngrease LK** is fully compatible and mixable with other Lithium Complex greases and/or synthetic oils except polyalkylene glycols (PAG). Furthermore, given the compatibility amongst base oils, in case of different thickeners, it is possible to replace the grease by adopting proper precautions.
- **Syngrease LK** is compatible with the most common types of seals and paints.
- Store the product in its closed original container in a protected area and not exposed to sunlight and rain..
- **Aluchem** owns the following certifications: UNI EN ISO 9001:2015, KOSHER, HALAL.

Product Tiering: Premium

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