

**MULTIPURPOSE LITHIUM GREASE** 

# **NISOTEC GREASE Li 2 EP**

**NISOTEC GREASE Li 2 EP** is a multipurpose lubricating grease produced from mineral oils with a high viscosity index, corrosion inhibitors, antioxidants, EP additives and lithium-hydroxystearate soap thickener. It is intended for lubrication and sealing of rolling and sliding bearings in most industrial applications, in motor vehicles, as well as in construction and agricultural machinery where increased loads are expected. It is recommended for use in the temperature range from -30°C to +120°C.

# **Applications:**



- General industrial lubrication, rolling bearings, lightly and heavily loaded plain bearings, machine tools, machine assemblies and centralized lubrication systems operating at normal operating temperatures
- Other lubrication points with normal and increased loads in motor vehicles, agricultural, construction and mining machinery

Features	Advantages and Potential Benefits		
Exceptional load bearing	Reduced wear under high or shock loads and vibrations, which		
capacity	achieves good reliability and correctness of the equipment		
Excellent resistance to	Extended bearing life in wet conditions, which reduces costs and		
water and corrosion	avoids unexpected downtime		
Excellent mechanical	Lubrication stability under the influence of vibrations and no		
stability	leakage due to grease softening		
Thermal and oxidation stability	Excellent performance at elevated temperatures enables a longer service life of the bearing		
Long storage period	Stable consistency throughout the entire storage period		

## **Specification:**

• ISO 6743-9: ISO-L-XCCHB-2

• DIN 51502: KP 2K-30

# **Typical characteristics**

Characteristics	Method	NISOTEC GREASE Li 2 EP
NLGI Grade		2
Thickener Type		Lithium
Color	visual	Yellow to brown
Penetration, worked 60 stokes, mm/10	ISO 2137	265-295
Dropping Point, °C	ISO 6299	195
4-Ball Weld Load, N	ASTM D 2596	3150
Operating temperature range		from -30°C to +120°C

✓ ISO 9001

 $\checkmark$ 

ISO 14001 🗸 ISO 45001

5001

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#### Health, Safety and Environment

Information on the safe handling, storage and disposal of the product, as well as information on precautionary measures and potential hazards, effects on human health and the environment can be found in the Product Safety Data Sheet (SDS). Store the product in its original packaging protected from atmospheric influences. Shelf life 5 years from the date of manufacture.

### Available packaging



✓ ISO 9001

ISO 14001 🖌

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ISO 45001

✓ ISO 50001

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