

NISOTEC GREASE Li 1 EP

NISOTEC GREASE Li 1 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 capacity	Reduced wear under high or shock loads and vibrations, which achieves good reliability and correctness of the equipment
Excellent resistance to water and corrosion	Extended bearing life in wet conditions, which reduces costs and avoids unexpected downtime
Excellent mechanical stability	Lubrication stability under the influence of vibrations and no 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 1
- DIN 51502: KP 1K-30

Typical characteristics

Characteristics	Method	NISOTEC GREASE Li 1 EP
NLGI Grade		1
Thickener Type		Lithium
Color	visual	Yellow to brown
Penetration, worked 60 stokes, mm/10	ISO 2137	310-340
Dropping Point, °C	ISO 6299	195
4-Ball Weld Load, N	ASTM D 2596	3150
Operating temperature range		from -30°C to +120°C

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

**18kg****180kg**