



**MULTIPURPOSE LITHIUM GREASE** 

# NISOTEC GREASE Li COMPLEX 2 EP

**NISOTEC GREASE Li COMPLEX 2 EP** is a multipurpose special complex lubricating grease produced from mineral oils with a high viscosity index, corrosion inhibitors, antioxidants, EP additives and soap thickener lithium complex-hydroxystearate. 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 elevated loads and temperatures are expected. It is recommended for use in the temperature range from -30°C to +140°C.

## **Applications:**



- General industrial lubrication, rolling bearings, lightly and heavily loaded sliding bearings, machine tools, machine assemblies and centralized lubrication systems operating at normal and elevated operating temperatures, where superior lubrication quality is expected
- 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 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-XCDHB 2

• DIN 51502: KP 2N-30

# **Typical characteristics**

| Characteristics                      | Method      | NISOTEC GREASE LI<br>COMPLEX 2 EP |
|--------------------------------------|-------------|-----------------------------------|
| NLGI Grade                           |             | 2                                 |
| Thickener Type                       |             | Lithium Complex                   |
| Color                                | visual      | Dark yellow                       |
| Penetration, worked 60 stokes, mm/10 | ISO 2137    | 265-295                           |
| Dropping Point, °C                   | ISO 6299    | 260                               |
| 4-Ball Weld Load, N                  | ASTM D 2596 | 3150                              |
| Operating temperature range          |             | from -30°C to +140°C              |

✓ ISO 9001

 $\checkmark$ 

ISO 14001 🗸 ISO 45001

15001

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### **MULTIPURPOSE LITHIUM GREASE**



### 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 🖌

✓

ISO 45001

✓ ISO 50001

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