

**MULTIPURPOSE LITHIUM GREASE** 



# **NISOTEC GREASE TEMP 2 EP**

**NISOTEC GREASE TEMP 2 EP** is a special lubricating grease produced from mineral oils with a high viscosity index, corrosion inhibitors, antioxidants, EP additives and bentonite thickener. It is intended for lubrication and sealing of rolling and sliding bearings in most industrial applications where high temperatures and increased loads are expected. It is recommended for use in the temperature range from -30°C to +200°C.

#### **Applications:**



• General industrial lubrication, rolling bearings, lightly and heavily loaded sliding bearings, machine assemblies operating at high temperatures and elevated loads

| 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    | Excellent performance at elevated temperatures enables a longer  |
| stability                | service life of the bearing                                      |
| Long storage period      | Stable consistency throughout the entire storage period          |

| Specification:              |   |
|-----------------------------|---|
| • ISO 6743-9: ISO-L-XCGHB 2 | <ul> <li>DIN 51502: KP 2S-30</li> </ul> |

#### **Typical characteristics**

| Characteristics                      | Method      | NISOTEC GREASE<br>TEMP 2 EP |  |
|--------------------------------------|-------------|-----------------------------|--|
| NLGI Grade                           |             | 2                           |  |
| Thickener Type                       |             | Bentonite                   |  |
| Color                                | visual      | Yellow                      |  |
| Penetration, worked 60 stokes, mm/10 | ISO 2137    | 265-295                     |  |
| Dropping Point, °C                   | ISO 6299    | 300                         |  |
| 4-Ball Weld Load, N                  | ASTM D 2596 | 3150                        |  |
| Operating temperature range          |             | from -30°C to +200°C        |  |

## Health, Safety and Environment

| ISO 9001 | ✓ ISO 14001                         | ✓ ISO 45001                            | ✓ ISO 50001                           | ✓ SERTIFIKOVANO                        |
|----------|-------------------------------------|--|---------------------------------------|--|
| ovi Sad  | The information and data provided h | ere are for informational purposes and | are typical of current production and | are in accordance with specifications. |

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#### **TECHNICAL INFORMATION**

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 🖌

 $\checkmark$ 

#### ISO 45001

✓ ISO 50001

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