



MULTIPURPOSE LITHIUM GREASE

NISOTEC GREASE Li MoS 2 EP

NISOTEC GREASE Li MoS 2 EP is a multipurpose lubricating grease produced from mineral oils with a high viscosity index, corrosion inhibitors, antioxidants, EP additives, molybdenum disulfide (MoS₂) and soap thickener lithium-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 increased loads are expected. The presence of MoS₂ ensures excellent load bearing and good lubrication even in degreasing conditions when it prevents direct metal-to-metal contact. It is recommended for use in the temperature range from -30°C to +120°C.

Applications:









- General industrial lubrication, low speed rolling and plain bearings, machine assemblies operating at normal operating temperatures and elevated loads
- 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 | 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-XCCHB-2

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DIN 51502: KPF 2K-30

Typical characteristics

| Characteristics | Method | NISOTEC GREASE Li MoS 2 EP |
|--------------------------------------|-------------|-------------------------------|
| NLGI Grade | | 2 |
| Thickener Type | | Lithium |
| Color | visual | Gray |
| 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 |

 \checkmark **ISO 9001** **ISO 14001** 1 **ISO 45001**

✓ SERTIFIKOVANO

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ISO 50001



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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

45001

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ISO 50001