

# MULTINOC GREASE

## A MULTIPURPOSE GREASE FOR ANTIFRICTION BEARINGS

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MULTINOC GREASE is a high-grade multipurpose lithium soap grease suitable for high-speed antifriction bearings, especially sealed bearings. It delivers superb performance with commonly used antifriction bearings of all types and sizes.

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### ● SPECIAL FEATURES

#### 1. Excellent Mechanical Stability

MULTINOC GREASE offers safe, long-term performance with high-speed antifriction bearings. It will not soften or leak even when the bearings are exposed to severe shear forces.

#### 2. Superior Oxidation Stability

Because of MULTINOC GREASE's excellent oxidation stability, it maintains its high quality during storage and suffers very little degradation, during use. Thus it can be used safely in sealed bearings and other long-term applications.

#### 3. Usable Across Wide Temperature Range

MULTINOC GREASE provides superior performance across a wide range of temperatures. Even at -20°C, MULTINOC GREASE ensures that bearings rotate easily, and during a 500-hour high-temperature lubrication test conducted with No. 6306 bearings at 3,500 rpm and 125°C it demonstrated its superior performance.

#### 4. Excellent Water Resistance and Rust Prevention

Because it is a lithium-soap-based grease, MULTINOC GREASE is not washed away easily by water. In addition, its water absorption properties provide excellent rust prevention without any loss of lubrication performance.

#### 5. Low Bearing Noise and Internal Friction

MULTINOC GREASE keeps bearing noise to a minimum because it has very low rotation resistance and it contains extremely few impurities.

### ● GRADES

MULTINOC GREASE comes in two types, 1 and 2, which differ in penetration. The types are named after their NLGI numbers.

### ● APPLICATIONS

MULTINOC GREASE provides excellent lubrication performance with high-speed antifriction bearings, so it can be used in sealed bearings in compact high-speed electrical machinery, as well as with antifriction bearings in machine tools, textile mills, paper mills, and many other types of machinery. Its wide range of applications means that fewer types of grease are needed.

### ● CONTAINERS

180-kg drums, 16-kg cans, and 2.5-kg cans.

## TYPICAL TEST DATA FOR MULTINOC GREASE

Type of MULTINOC GREASE	1	2
Soap base	Lithium	Lithium
Penetration(60W)	320	278
Dropping point °C	211	212
Base oil viscosity (100°C) mm <sup>2</sup> /s	10.2	10.2
Oxidation stability (99°C,100h) kPa	14.8	14.8
Copper plate corrosion (100°C,24h)	Passed	Passed
JIS K2220 grease grade 1 (general purpose) for antifriction bearings	No.1	No.2



## Handling Precautions

▼ Follow these precautions when handling this product.

<p><b>! CAUTION</b></p> <p><b>Handling Precautions</b></p>	<ul style="list-style-type: none"> <li>● <u>Inflammation can occur if grease enters the eyes.</u> When handling this grease, wear <u>protective goggles</u> or take other measures to <u>prevent eye contact</u>.</li> <li>● <u>Inflammation can occur if grease comes into contact with skin.</u> When handling this grease, wear <u>protective gloves</u> or take other measures to <u>prevent skin contact</u>.</li> <li>● Do not eat this grease. (Swallowing this grease can cause diarrhea and nausea.)</li> <li>● <u>When opening the container, wear protective gloves</u> in order to avoid cutting your hands.</li> <li>● <u>Keep out of reach of children.</u></li> <li>● Read the Material Safety Data Sheet (MSDS) for this product before using the product. Obtain the Material Safety Data Sheet from where you purchased the product.</li> </ul>
<p><b>First Aid</b></p>	<ul style="list-style-type: none"> <li>● In case of eye contact, rinse eyes thoroughly with clean water and consult with a physician.</li> <li>● In case of skin contact, wash skin thoroughly with soap and water.</li> <li>● If this grease is swallowed, do not induce vomiting. Consult with a physician immediately.</li> </ul>
<p><b>Disposal of Used Grease and Containers</b></p>	<ul style="list-style-type: none"> <li>● Do not apply pressure to empty containers. The containers may burst if pressure is applied.</li> <li>● Do not weld, heat, drill, or cut the containers. The remaining grease may ignite and the containers may explode.</li> <li>● Follow all applicable laws and regulations when disposing of used grease or containers. If you are unsure of the proper disposal methods, consult first with the seller of the grease.</li> </ul>
<p><b>Storage Method</b></p>	<p>Seal the container tightly after use in order to prevent dirt, moisture, etc., from entering the grease. Store in a dark location. Avoid direct sunlight.</p>