

# MULTINOC WIDE 2

## Long-Life, High-Performance Grease for a Wider Range of Temperatures

MULTINOC WIDE 2 is a long-life grease for high-speed roller bearings. Unlike conventional lithium-type general-purpose greases, it provides very good starting performance at low temperatures and long life at high temperatures. As a result, MULTINOC WIDE 2 is a long-life, high-performance grease that can be used across a very wide temperature range. The base oil of MULTINOC WIDE 2 is blended from synthetic oil and highly refined mineral oil, and its thickeners consist of lithium soap and special sodium soap.

### ● SPECIAL FEATURES

#### 1. Long Life

MULTINOC WIDE 2 has been carefully designed to meet all the requirements for long-life grease, including a thickener blend and oxidation inhibitors that can handle high temperatures and base oils that resist evaporation. MULTINOC WIDE 2 lasts over twice as long as conventional commercial lithium-type high-grade general-purpose greases.

#### 2. Outstanding Starting Performance at Low Temperatures and Superb Lubrication at High Temperatures

MULTINOC WIDE 2 uses a special base oil blend of synthetic oil and highly refined mineral oil that possess excellent low-temperature flow properties, so bearings that contain this grease start and rotate smoothly and easily even at temperatures as low as -40°C. But MULTINOC WIDE 2 is more than just a low-temperature grease. It also has a maximum temperature limit of 135°C, a substantial increase over conventional lithium-type high-grade general-purpose greases. That means that MULTINOC WIDE 2 can be used across a very wide temperature range.

#### 3. Very Little Increase in Bearing Temperature

MULTINOC WIDE 2 has very low flow resistance, so it enables smooth, low-torque rotation in bearings in small electric motors and similar applications. And because the flow resistance is so low, temperature increases in the bearings are kept to an absolute minimum.

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

Because the thickeners used in MULTINOC WIDE 2 have excellent water resistance, there is no need to worry about this grease being rinsed away by water or softening drastically if moisture enters the grease. In addition, the grease's rust resistance has been boosted, so it helps to prevent bearing rust even under the toughest operating conditions.

### ● APPLICATIONS

MULTINOC WIDE 2 provides outstanding lubrication performance in high-speed roller bearings. It can be used in bearings for a wide range of applications, including compact high-speed electric motors, machine tools, textile machinery, etc. We especially recommend MULTINOC WIDE 2 for machinery that has had problems with poor starting performance or short grease life at high temperatures.

### ● CONTAINERS

16-kg pail cans, 2.5-kg cans

### ● TYPICAL PROPERTIES

Thickeners	Lithium soap and special sodium soap
Base oils	
Type	Synthetic and mineral oils
Kinematic viscosity (100°C), mm <sup>2</sup> /s	5.43
Penetration (25°C, 60 strokes)	265
Dropping point, °C	203

Note: The typical properties may be changed without notice.  
 (January 2004)



## Handling Precautions

▼ Follow these precautions when handling this product.

<b>! CAUTION</b>  <b>Handling Precautions</b>	<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>
<b>First Aid</b>	<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>
<b>Disposal of Used Grease and Containers</b>	<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>
<b>Storage Method</b>	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.