

# 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	Synthetic and mineral oils
Type	
Kinematic viscosity (100°C), mm <sup>2</sup> /s	5.43
Penetration (25°C, 60 strokes)	265
Dropping point, °C	203
Approx. operating temperature range, °C	-40 to 135

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



## Handling Precautions

▼ Follow these precautions when handling this product.

<b>Composition :</b>	Base Oil, Thickener, Additives
<b>Precautionary pictograms:</b>	Not applicable
<b>Signal word:</b>	Not applicable
<b>Hazard Statement:</b>	Not applicable
<b>Precautionary Statements:</b>	<ul style="list-style-type: none"><li>• Do not handle until all safety precautions have been read and understood.</li><li>• Wear protective gloves/protective clothing/eye protection/face protection.</li><li>• Do not allow the eyes to become exposed to the product. Do not swallow the product.</li><li>• Wash hands thoroughly after handling.</li><li>• Do not eat, drink or smoke when using this product.</li></ul>
<b>Prevention</b>	
<b>Response</b>	<ul style="list-style-type: none"><li>• IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.</li><li>• IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</li><li>• If the eyes are exposed to the product: Rinse the eyes with plenty of running water and immediately contact a physician.</li><li>• IF ON SKIN: Wash with plenty of soap and water.</li></ul>
<b>Storage</b>	<ul style="list-style-type: none"><li>• The product must be stored in a cool, well-ventilated location where it will not be exposed to direct sunlight.</li><li>• Containers that have been opened must be tightly sealed.</li></ul>
<b>Disposal</b>	<ul style="list-style-type: none"><li>• Dispose of contents/container in accordance with local/regional/national/international regulations.</li><li>• If there are any doubts about proper methods of handling the product, contact the point of purchase before proceeding with usage.</li></ul>