

# MULTINOC DELUXE

MULTINOC DELUXE is a high quality lubricating grease intended for use in ball and roller bearings operating at high speeds and high temperatures. It is made from a highly refined mineral oil, lithium soap, and sodium terephthalamate.

MULTINOC DELUXE gives good rust protection and has excellent oxidation stability.

## ● Application

MULTINOC DELUXE is recommended for lubrication of ball and roller bearings used in electric motors, machinery, etc., where operating temperatures range from  $-20^{\circ}\text{C}$  to  $135^{\circ}\text{C}$ .

## ● Performance Qualities

### 1. High Speed and High Temperature Operating Performance

Under high speed and high temperature operation, MULTINOC DELUXE provides longer bearing life than other lithium soap multipurpose greases.

Tests show that the ASTM lubricating life of MULTINOC DELUXE 2 (ASTM D1741) is over 1,500 hours.

### 2. Good Mechanical Stability

MULTINOC DELUXE softens less than 50 units after 100,000 strokes in the ASTM grease worker. This indicates that the grease has excellent resistance to mechanical shear, so it will not soften and leak from bearings under severe operating conditions.

### 3. Good Rust Protection and Water Resistance.

MULTINOC DELUXE is fortified with excellent rust and corrosion inhibitors, so that it will provide superior rust protection under severe operating conditions. This product also has

good water resistance.

### 4. Compatible with Most Other Soap Greases

MULTINOC DELUXE is compatible with sodium or lithium soap greases which are typically used for ball and roller bearings.

## ● CONTAINERS

16-kg cans, and 400-g squeeze tubes.

## ● Typical Properties

Grade	1	2
Penetration (25°C, Worked 60 Strokes)	315	270
(25°C, Worked 100,000 Strokes)	342	300
Dropping Point $^{\circ}\text{C}$	200	202
Evaporation Loss (99°C, 22h) mass%	0.53	0.53
Oxidation Stability (99°C, 100h) kPa	34.3	34.3
Oil Separation (100°C, 24h) mass%	3.7	2.3
Mineral Oil		
Viscosity (100°C) $\text{mm}^2/\text{s}$	9.50	9.50
Viscosity Index	104	104
Thickener	Lithium Soap and Sodium Terephthalamate	



## 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>● When opening the container, <u>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.