

# 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°C to 135°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 of MULTINOC DX

Grade	1	2
Penetration (25°C, Worked 60 Strokes)	315	270
(25°C, Worked 100,000 Strokes)	342	300
Dropping Point °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) mm <sup>2</sup> /s	9.50	9.50
Thickener	Lithium Soap and Sodium Terephthalamate	
Approx. Operating Temperature Range °C	-20 to 135	

Note: The typical properties may be changed without notice. (June 2002)



## 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>