

MULTINOC SDX

(Super Deluxe)

Long-Life Grease for High-Speed Roller Bearings Operating at a Wide Range of Temperatures

MULTINOC SDX is a long-life grease for high-speed roller bearings. Unlike conventional lithium-type roller bearing greases, it provides very good starting performance at low temperatures and long life at high temperatures.

MULTINOC SDX is blended from carefully selected synthetic hydrocarbon base oils together with lithium soap and special sodium soap thickeners.

● SPECIAL FEATURES

1. Long Life at High Temperatures

MULTINOC SDX has been carefully designed to ensure longer life. Its thickeners and antioxidants are very resistant to high temperatures, and its base oil suffers very little evaporation loss. As a result, MULTINOC SDX provides over twice as long bearing lubrication life when compared with conventional lithium-type high-grade roller bearing greases. In addition, the maximum usable temperature of MULTINOC SDX has been raised to 150°C.

2. Excellent Low-Temperature Characteristics

MULTINOC SDX is blended from synthetic hydrocarbon base oils that maintain excellent properties even at low temperatures, so it can be used without problems at temperatures as low as -40°C.

3. Excellent Resistance to Water and Rust

Because the thickeners used in MULTINOC SDX have excellent water resistance, there is no need to worry about this grease being rinsed away by water or leaking 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 SDX provides outstanding lubrication performance in high-speed roller bearings. It can be used in roller bearings for a wide

range of applications, including compact high-speed motors, electric motors of all types, machine tools, textile machinery, etc.

We especially recommend MULTINOC SDX for machinery that had problems with short grease life at high temperatures when conventional roller bearing greases were used.

● CONTAINERS

16-kg pail can
400g bellows-type tube (20 pcs.)

● TYPICAL PROPERTIES OF MULTINOC SDX

Thickeners	Lithium soap + special sodium soap
Base oil	Synthetic hydrocarbon
Type	
Viscosity(100°C) mm ² /s	10.7
Penetration(25°C)	272
60 strokes	
100,000 strokes	339
Dropping point °C	Over 180
Oil separation(100°C,24h), mass%	2.9
Evaporation (99°C, 22h) mass%	0.35
Oxidation stability (99°C, 100 h), kPa	20
Copper strip corrosion (100°C, 24 h)	No color change
Approx. operating temperature rang °C	-40 to 150

Note: The typical properties may be changed without notice. (March 2024)



Handling Precautions

▼ Follow these precautions when handling this product.

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