

GRS-7016-2104E

MULTINOC GREASE

A MULTIPURPOSE GREASE FOR ANTIFRICTION BEARINGS

MULTINOC GREASE is a high-grade multipurpose lithium soap grease suitable for high-speed antifriction bearings, especially sealed bearings. It delivers superb performance with commonly used antifriction bearings of all types and sizes.

● SPECIAL FEATURES

1. Excellent Mechanical Stability

MULTINOC GREASE offers safe, long-term performance with high-speed antifriction bearings. It will not soften or leak even when the bearings are exposed to severe shear forces.

2. Superior Oxidation Stability

Because of MULTINOC GREASE's excellent oxidation stability, it maintains its high quality during storage and suffers very little degradation, during use. Thus it can be used safely in sealed bearings and other long-term applications.

3. Usable Across Wide Temperature Range

MULTINOC GREASE provides superior performance across a wide range of temperatures. Even at -20°C, MULTINOC GREASE ensures that bearings rotate easily. And also, it demonstrated its superior performance during a 500-hour high-temperature lubrication test conducted with No. 6306 bearings at 3,500 rpm and 125°C.

4. Excellent Water Resistance and Rust Prevention

Because it is a lithium-soap-based grease, MULTINOC GREASE is not washed away easily by water. In addition, its water absorption properties provide excellent rust prevention without any loss of lubrication performance.

5. Low Bearing Noise and Internal Friction

MULTINOC GREASE keeps bearing noise to a minimum because it has very low rotation resistance and it contains extremely few impurities.

● GRADES

MULTINOC GREASE comes in two types, 1 and 2, which differ in penetration. The types are named after their NLGI numbers.

● APPLICATIONS

MULTINOC GREASE provides excellent lubrication performance with high-speed antifriction bearings, so it can be used in sealed bearings in compact high-speed electrical machinery, as well as with antifriction bearings in machine tools, textile mills, paper mills, and many other types of machinery. Its wide range of applications means that fewer types of grease are needed.

● CONTAINERS

180-kg drums, 16-kg cans, and 2.5-kg cans.



● TYPICAL TEST DATA FOR MULTINOC GREASE

Type of MULTINOC GREASE	1	2
Soap base	Lithium	Lithium
Penetration(60W)	320	278
Dropping point °C	211	212
Base oil viscosity (100°C) mm ² /s	10.2	10.2
Oxidation stability (99°C,100h) kPa	14.8	14.8
Copper plate corrosion (100°C,24h)	Passed	Passed
JIS K2220 grease grade 1 (general purpose) for antifriction bearings	No.1	No.2
Approx. operating temperature range °C	-20 to 125	



Handling Precautions

▼ Follow these precautions when handling this product.

Composition :	Base Oil, Thickener, Additives
Precautionary pictograms :	 
Signal word:	Warning
Hazard Statement:	May cause allergic skin reaction May cause damage to organs (or state all organs affected(blood systems))
Precautionary Statements: Prevention	<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.• Contaminated work clothing should not be allowed out of the workplace.• Do not breathe dust/fume/gas/mist/vapours/spray.• 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 or doctor/physician.• 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.• IF exposed or concerned : Call a POISON CENTER or doctor/physician.• Take off contaminated clothing and wash before reuse.• If skin irritation or a rash occurs: Get medical advice/attention.
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.• Store locked up.
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.