

MULTINOC GREASE

Multipurpose Grease For High-Speed Roller Bearings

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

● SPECIAL FEATURES

- 1. Excellent Mechanical Stability**
MULTINOC GREASE offers safe, long-term performance with high-speed roller bearings. It will not soften or leak even when the bearings are exposed to severe shear forces.
- 2. Superior Oxidation Stability**
Because of the excellent oxidation stability, MULTINOC GREASE suffers very little degradation during use. Thus it can be used safely in long-term applications such as sealed bearings.
- 3. Usable Across Wide Temperature Range**
MULTINOC GREASE provides superior performance across a wide range of temperatures. It ensures that bearings rotate easily even at -20 °C, and also, it demonstrated superior performance for over 500 hours in 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 and vibration 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 roller bearings, so it can be used in applications below:

- sealed bearings in compact high-speed electrical machinery
- roller bearings in machine tools, textile mills, paper mills, and many other types of machinery.

● CONTAINERS

180-kg drum, 16-kg can, and 400 g bel-lows-type tube (20 pcs.).

● TYPICAL TEST DATA FOR MULTINOC GREASE


Grade	1	2
Thickener	Lithium soap	Lithium soap
Penetration(60W)	326	271
Base oil viscosity (100°C) mm ² /s	10.4	10.8
Dropping point °C	206	208
Oil separation(100°C, 24 h) mass%	3.6	1.8
Oxidation stability (99°C,100h) kPa	30	30
Copper strip corrosion (100°C,24h)	No color change	No color change
JIS K2220 grease grade 1 (general purpose) for roller bearings	No.1	No.2
Approx. operating temperature range °C	-20 to 125	

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



Handling Precautions

▼ Follow these precautions when handling this product.

Composition :	Mixtures (Base Oil(s), Thickener, Additives)
Hazard pictograms:	
Signal word:	Warning
Hazard Statement:	May cause an allergic skin reaction May cause damage to organs (blood systems) 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.• 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/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.• If skin irritation or a rash occurs: Get medical advice/attention.• Take off contaminated clothing and wash it before reuse
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.