

WHEEL BEARING GREASE

Grease for wheel bearings of large vehicles

WHEEL BEARING GREASE is formulated with lithium soap as thickener and highly refined mineral oil as base oil. It exhibits excellent mechanical stability, thermal stability, and water tolerance, and is the best grease for wheel bearings on large vehicles.

● SPECIAL FEATURES

1. Excellent mechanical stability
Grease is subject to long term shear stress in the process of being used in large wheel bearings.
WHEEL BEARING GREASE does not soften and leak even when subjected to shear force, and can be used safely for a long time.
2. Excellent thermal stability
WHEEL BEARING GREASE can be used in high temperature lubricated areas. Because it is formulated with lithium soap as thickener and highly refined mineral oil as base oil.
3. Excellent oxidation stability
WHEEL BEARING GREASE has excellent oxidation stability and little oxidation deterioration during use. Therefore, it maintains the grease performance for a long time.
4. Excellent water tolerance
WHEEL BEARING GREASE is not easily softened even when mixed with water, and is not easily

washed away, and has excellent water tolerance.

5. Excellent anti-corrosion performance

WHEEL BEARING GREASE exhibits excellent anti-corrosion performance due to the optimal rust preventive agent, and prevents rusting even under high humidity conditions.

● APPLICATIONS

- (1) Wheel bearings for large vehicles
- (2) Medium and large bearings

● CONTAINERS

180-kg drum, 16-kg pail can, 2.5-kg can (6 pcs.)
Grade 2: 400 g bellows-type tube (20 pcs.)

● TYPICAL PROPERTIES OF WHEEL BEARING GREASE

NLGI grade	2	3
Appearance	Light tan, Semi solid	Light tan, Semi solid
Thickener	lithium soap	lithium soap
Worked Penetration (60 strokes)	279	238
Worked stability (100,000 strokes)	306	286
Dropping Point	204	204
Oil separation (100 °C, 24h)	1.2	0.5
Evaporation (99 °C, 22h)	0.4	0.4
Oxidation stability (99°C, 100h)	40	40
Water washout (79°C, 1h)	1	2
Copper Corrosion (100 °C, 24h)	pass	pass
ASTM rust prevention (52°C, 48 h)	Level 1 (no rust)	Level 1 (no rust)
Leakage tendency (150°C, 6h)	0.7	0.3
Approx. Operating Temperature Range	-20 to130	-20 to130

Note: The typical properties are subject to change without notice. (December 2019)



Handling Precautions

▼ Follow these precautions when handling this product.

Composition :	Base Oil(s), Thickener, Additives
Precautionary pictograms:	Not applicable
Signal word:	Not applicable
Hazard Statement:	Not applicable
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.• Wash hands thoroughly after handling.• Do not eat, drink or smoke when using this product.
Prevention	
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.
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.