

# 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,  
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)		287	246
Worked stability (100,000 strokes)		293	277
Dropping Point	°C	203	204
Oil separation (100 °C, 24h)	mass%	1.1	0.4
Evaporation (99 °C, 22h)	mass%	0.4	0.4
Oxidation stability (99°C, 100h)	kPa	35	20
Water washout (79°C, 1h)	mass%	7	7
Copper Corrosion (100 °C, 24h)		No color change	No color change
ASTM rust prevention (52°C, 48 h)		Level 1 (no rust)	Level 1 (no rust)
Leakage tendency (150°C, 6h)	g	0.6	0.3
Approx. Operating Temperature Range	°C	-20 to130	-20 to130

Note: The typical properties are subject to change without notice. (June 2025)



## Handling Precautions

▼ Follow these precautions when handling this product.

<b>Composition :</b>	Mixtures (Base Oil(s), Thickener, Additives)
<b>Hazard category:</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/doctor.</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>