

# PYRONOC GREASE CC 0

## High-Temperature, Long-Life Grease

PYRONOC GREASE CC 0 is a high-temperature long-life grease for centralized lubrication. It offers outstanding heat resistance, oxidation stability, mechanical stability, water resistance, and filling properties. The superb performance of PYRONOC GREASE CC 0 is the result of its thickeners made from completely ashless organic urea compounds developed by Nippon Oil's researchers, as well as its highly refined mineral base oil and blend of carefully selected additives.

### ● SPECIAL FEATURES

#### 1. Outstanding Heat Resistance

PYRONOC GREASE CC 0 has a high dropping point, so it resists softening and oil separation even when exposed to high temperatures. As a result, it provides excellent long-term lubrication with very little leaking.

#### 2. Excellent Oxidation Stability

PYRONOC GREASE CC 0 has extremely good oxidation stability, so it can be used for long periods of time at high temperatures without refilling. While conventional soap-based and bentone-based greases contain metal and ash that promote oxidation degradation, PYRONOC GREASE CC 0 contains almost no ash, so it is very resistant to oxidation. Its highly refined base oil and high-performance antioxidants also ensure excellent oxidation stability.

#### 3. Superb Mechanical Stability

PYRONOC GREASE CC 0 keeps a stable grease structure even at high temperatures and softens very little even when exposed to shear in bearings and other applications, so it causes almost no leaking.

#### 4. Excellent Water Resistance

PYRONOC GREASE CC 0 has excellent water resistance, so its penetration changes very little even when water becomes mixed with the grease. As a result, there is no need to worry about grease leaking from the lubrication points.

#### 5. Outstanding Filling Properties

PYRONOC GREASE CC 0 has little pipe resistance, so it offers smooth feeding during centralized lubrication.

#### 6. Superb Plugging Resistance

PYRONOC GREASE CC 0 has very strong resistance to plugging during centralized lubrication, so it enables smooth feeding for very long periods.

### ● EXAMPLES OF USE

PYRONOC GREASE CC 0 is ideal for use in machines that require good heat resistance, water resistance, and filling properties, including: cranes and other steel-making equipment used with continuous casting machines and blast furnaces; glass and cement machinery; and dryers, boilers, furnaces, and heat processing equipment used in the paper, pulp, textile, chemical, home appliance, and automotive industries.

### ● CONTAINERS

180-kg drums and 16-kg cans.

### ● TYPICAL TEST DATA FOR PYRONOC GREASE CC 0

Thickeners		Organic urea compounds
Base oil viscosity (100°C)	mm <sup>2</sup> /s	32.1
Penetration (25°C, 60 strokes)		380
(25°C, 100,000 strokes)		390
Dropping point,	°C	Over 250
Evaporation loss (99°C, 22h)	mass%	0.36
Oxidation stability, (99°C, 100h)	kPa	9.81
Oil separation (100°C, 24h)	mass%	1.0
Water washout characteristics,		
(79°C, 1h)	mass%	4.3
Ash content	mass%	0.06



## Handling Precautions

▼ Follow these precautions when handling this product.

<b>! CAUTION</b>  <b>Handling Precautions</b>	<ul style="list-style-type: none"><li>● <u>Inflammation can occur if grease enters the eyes.</u> When handling this grease, wear <u>protective goggles</u> or take other measures to <u>prevent eye contact</u>.</li><li>● <u>Inflammation can occur if grease comes into contact with skin.</u> When handling this grease, wear <u>protective gloves</u> or take other measures to <u>prevent skin contact</u>.</li><li>● Do not eat this grease. (Swallowing this grease can cause diarrhea and nausea.)</li><li>● When opening the container, <u>wear protective gloves</u> in order to avoid cutting your hands.</li><li>● <u>Keep out of reach of children.</u></li><li>● Read the Material Safety Data Sheet (MSDS) for this product before using the product. Obtain the Material Safety Data Sheet from where you purchased the product.</li></ul>
<b>First Aid</b>	<ul style="list-style-type: none"><li>● In case of eye contact, rinse eyes thoroughly with clean water and consult with a physician.</li><li>● In case of skin contact, wash skin thoroughly with soap and water.</li><li>● If this grease is swallowed, do not induce vomiting. Consult with a physician immediately.</li></ul>
<b>Disposal of Used Grease and Containers</b>	<ul style="list-style-type: none"><li>● Do not apply pressure to empty containers. The containers may burst if pressure is applied.</li><li>● Do not weld, heat, drill, or cut the containers. The remaining grease may ignite and the containers may explode.</li><li>● Follow all applicable laws and regulations when disposing of used grease or containers. If you are unsure of the proper disposal methods, consult first with the seller of the grease.</li></ul>
<b>Storage Method</b>	Seal the container tightly after use in order to prevent dirt, moisture, etc., from entering the grease. Store in a dark location. Avoid direct sunlight.

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