

# PYRONOC CC

## High-Temperature, Long-Life Grease

PYRONOC CC is a high-temperature long-life grease for centralized lubrication systems. It offers outstanding heat resistance, oxidation stability, mechanical stability, water resistance and excellent pumpability. The superb performance of PYRONOC CC is the result of its thickeners made from ashless organic urea compounds, as well as its highly refined mineral base oil and blend of carefully selected additives.

### ● SPECIAL FEATURES

#### 1. Outstanding Heat Resistance

PYRONOC CC 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 CC 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 bentonite-based greases contain metal and ash that promote oxidation degradation, PYRONOC CC 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 CC 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 CC 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. Excellent Pumpability

PYRONOC CC has little pipe resistance, so it offers smooth feeding for centralized lubrication systems.

#### 6. Superb Plugging Resistance

PYRONOC CC has very strong resistance to plugging through a centralized or forced-feed system, so it enables smooth feeding for very long periods.

### ● EXAMPLES OF USE

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

### ● CONTAINERS

180-kg drum and 16-kg can

● **TYPICAL TEST DATA FOR PYRONOC CC**

Grades		0	1
Thickeners		Organic urea compounds	Organic urea compounds
Kinematic viscosity of base oil (100°C)	mm <sup>2</sup> /s	31.8	31.3
Penetration (25°C, 60 strokes)		365	326
	(25°C, 100,000 strokes)	419	333
Dropping point,	°C	270	≥ 260
Oil separation (100°C, 24h)	mass%	1.4	1.1
Evaporation loss (99°C, 22h)	mass%	0.10	0.14
Oxidation stability, (99°C, 100h)	kPa	25	5
Copper strip corrosion (100°C, 24 h)		No color change	No color change
Water washing resistance(79 °C, 1h)	mass%	8	0
Bearing corrosion test( ASTM D1743:52°C,48h)	rating	1 (No rust)	1 (No rust)
Approx. operating temperature range	°C	-20 to 200	

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



**Handling  
Precautions**

▼ Follow these precautions when handling this product.

<b>Composition :</b>	Base Oil(s), Thickener, Additives
<b>Hazard pictograms:</b>	
<b>Signal word:</b>	Warning
<b>Hazard Statement:</b>	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
<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>Avoid release to the environment.</li> <li>Contaminated work clothing should not be allowed out of the workplace.</li> <li>Do not breathe dust/fume/gas/mist/vapours/spray.</li> <li>Wash hands thoroughly after handling.</li> <li>Do not eat, drink or smoke when using this product.</li> </ul>
<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> <li>If skin irritation or a rash occurs: Get medical advice/attention.</li> <li>Take off contaminated clothing and wash it before reuse</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> <li>Store locked up.</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>