



# LUBRICATING GREASE

**NIPPON GREASE CO., LTD.**

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## KC GREASE No. 2

*(For High Temperature Service)*

**KC GREASE** is a specially developed grease as a lubricant for high temperature service, such as in the pottery industry.

**KC GREASE** is consisting of synthetic lubricating fluid as a base, and of micro-particle inorganic compound as a thickener, so the grease has a special feature of yielding no sludges.

### ◇ **PROPERTIES**

#### 1. SPECIFICATIONS

Penetration at 25 °C	265 ~ 295
Dropping Point °C	None
Copper corrosion test	Pass
Water content %	Max 1.0

#### 2. OTHER CHARACTERISTICS

Thickener	Inorganic compound (special)
Base Oil	Synthetic lubricating fluid
Filler	Graphite
Appearance	Black, Buttery
Applicable temperature (upper limit)	400 °C
Refilling interval	Longer
Water resistance	Good
Mechanical stability	Good

### ◇ **SPECIAL FEATURES**

1. KC GREASE is suitable for use on those places where normal grease with conventional soap can not be used since they got soften and run down at high temperature.  
Applicable temperature range : -30 ~ 600 °C (without oxidation)
2. Graphite contained in the grease serves as a fine lubricant at high temperature above the limit of grease lubrication can cope with.
3. KC GREASE can be used also as a solid lubricant for high temperature service, if necessary.

#### APPLICATION

Furnace temperature  
 Temperature of lower section where bearings were set in  
 Trolley load  
 Operating hours (continuous)

#### Example of Actual Service :

950 °C  
 350 ~ 400 °C  
 2,500 kg  
 108 hrs