

CONCRETE PUMP GREASE

Grease for concrete pump vehicles

CONCRETE PUMP GREASE is grease using lithium soap as thickener and highly refined mineral oil as base oil, and contains carefully selected additives such as extreme pressure agents and rust inhibitors. **CONCRETE PUMP GREASE** is suitable for use on sliding parts of concrete pump vehicles.

● SPECIAL FEATURES

1. Superior Pumpability

CONCRETE PUMP GREASE has less contamination in the grease and less separation of oil, hence the filter is prevented from being clogged.

Also, in order to reduce piping resistance, two kinds of NLGI numbers 000 and 00 are prepared.

2. Excellent Anti-Wear Performance

CONCRETE PUMP GREASE prevents wear and seizure of sliding parts of concrete pump vehicles thanks to contain an excellent extreme pressure agent.

3. Excellent Adhesion Property

CONCRETE PUMP GREASE strongly adheres to the sliding parts of concrete pump vehicles and contributes to smooth operation.

4. Excellent Oxidation Stability

CONCRETE PUMP GREASE is formulated with highly refined mineral oil as base oil and high-performance antioxidant, so it has excellent oxidation stability.

5. Excellent Water Resistance

CONCRETE PUMP GREASE protects the lubrication point with less flow loss due to moisture in ready-mixed concrete.

● APPLICATIONS

Sliding part of concrete pump vehicles

● CONTAINERS

Grades(No.000,No.00) : 16 kg can

Grades(No.00) : 180-kg drum

● TYPICAL PROPERTIES OF CONCRETE PUMP GREASE

NLGI grade		000	00
Appearance		light tan, semi solid	light tan, semi solid
Thickener		lithium soap	lithium soap
Worked penetration (60 strokes)		467	414
Apparent viscosity (-10 °C, 10s ⁻¹)	Pa·s	14	20
Dropping point	°C	176	189
Evaporation (99 °C, 22h)	mass%	0.1	0.1
Copper corrosion (100 °C, 24h)		pass	pass
Centrifugal oil separation (40 °C, 2000G, 30min)	mass%	55	45
High-speed four-ball test			
Weld load (1,800 min ⁻¹)	N	1569	1569
Wear (1,200 min ⁻¹ , 392N, RT, 60min)	mm	0.47	0.37
Approx. operating temperature range	°C	-20 to 125	-20 to 125

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.