

THERMONIX GREASE

High-Temperature Grease

THERMONIX GREASE is made from a clay thickener (Bentonite) and highly refined mineral base oils, which possesses outstanding mechanical stability and resistance to heat and water.

● Special Features

1. Excellent heat resistance

THERMONIX GREASE is used for the lubrication of various machines that are exposed to high temperature such as dryer blowers. However, under the high temperatures more than 180°C, it is necessary to push old grease and to supply new grease regularly.

2. Good water resistance and pressure resistance

3. Usage in a wide temperature range

THERMONIX GREASE can be used in a very wide temperature range, from -20°C to 200°C, and has the outstanding lubricity also at low temperature and high temperature.

● Applications

THERMONIX GREASE can be used on lubrication points of various machines that are exposed to high temperature.

● Containers

16-kg pail can, 2.5-kg can × 6

● Typical Properties of THERMONIX GREASE

Grade				1	2
Thickener				Bentonite	Bentonite
Appearance				Light brown, Buttery	Light brown, Buttery
Base oil	Type			Mineral oil	Mineral oil
	Kinematic viscosity	(100°C)	mm ² /s	20.6	20.6
Penetration		(25°C, 60W)		325	280
Worked stability		(25°C, 100,000W)		344	311
Dropping point			°C	None	None
Oil separation		(100°C, 24 h)	mass%	3.0	2.0
Evaporation loss		(99°C, 22 h)	mass%	0.56	0.53
Oxidation stability		(99°C, 100 h)	kPa	34	34
Water washout		(38°C, 1 h)	mass%	0.2	0.1
Copper strip corrosion		(100°C, 24 h)		No change	No change

Note: The typical properties may be changed without notice. (November 2011)



Handling Precautions

▼ Follow these precautions when handling this product.

! CAUTION Handling Precautions	<ul style="list-style-type: none">● <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>.● <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>.● Do not eat this grease. (Swallowing this grease can cause diarrhea and nausea.)● <u>When opening the container, wear protective gloves</u> in order to avoid cutting your hands.● <u>Keep out of reach of children.</u>● Read the Safety Data Sheet (SDS) for this product before using the product. Obtain the SDS from where you purchased the product.
First Aid	<ul style="list-style-type: none">● In case of eye contact, rinse eyes thoroughly with clean water and consult with a physician.● In case of skin contact, wash skin thoroughly with soap and water.● If this grease is swallowed, do not induce vomiting. Consult with a physician immediately.
Disposal of Used Grease and Containers	<ul style="list-style-type: none">● Do not apply pressure to empty containers. The containers may burst if pressure is applied.● Do not weld, heat, drill, or cut the containers. The remaining grease may ignite and the containers may explode.● 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.
Storage Method	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.