

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

180-kg drum, 16-kg pail can

● 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 | 31.1 | 30.5 |
| Penetration | | (25°C, 60W) | | 316 | 273 |
| Worked stability | | (25°C, 100,000W) | | 320 | 305 |
| Dropping point | | | °C | None | None |
| Oil separation | | (100°C, 24 h) | mass% | 2.3 | 1.2 |
| Evaporation loss | | (99°C, 22 h) | mass% | 0.06 | 0.05 |
| Oxidation stability | | (99°C, 100 h) | kPa | 27 | 60 |
| Water washout | | (79°C, 1 h) | mass% | 7 | 2 |
| Copper strip corrosion | | (100°C, 24 h) | | No change | No change |
| Approx. operating temperature range | | | °C | -20 to 200 | -20 to 200 |

Note: The typical properties may be changed without notice. (July 2025)



Handling Precautions

▼ Follow these precautions when handling this product.

| | |
|----------------------------------|--|
| Composition : | Mixtures (Base Oil(s), Thickener, Additives) |
| Hazard category: | 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/doctor.• 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. |