



## GREASE BENT

Infusible grease for high temperature

### FEATURES

**GREASE BENT** is a synthetic, infusible grease, specific for high temperatures. Unlike normal soap-based greases, which normally have a drop point, that is melting, between 150 and 250 ° C, **GREASE BENT** can be considered as infusible. In other words, it doesn't have a drop point and therefore doesn't lose consistency and does not liquefy close to the decomposition temperature.

The main constituent of **GREASE BENT** is natural smectite, also known as bentone, a substance characterized by a particular "lamella" structure. The bentone lamellae are extremely flexible and at the same time very robust. Through a particular chemical process, connections are made with hydrogen bridges between the hydroxyl groups on the edges of the lamellae and a three-dimensional cross-linked structure can be constructed, comparable to a card castle, which has the typical viscosity and strength characteristics of a grease lubricant.

The product obtained has a total **INSOLUBILITY** in **WATER** and a **THERMAL RESISTANCE** from -20 up to + 260 ° C.

Physical state	: creamy
Color	: brown
Odor	: odorless
Penetration	: 265/295
NLGI gradation	: 2

### APPLICATIONS

The surfaces to be lubricated must be perfectly clean and free from any residues left by other types of grease that could alter the characteristics of **GREASE BENT**. The product is suitable for all prolonged applications in the presence of high temperatures.



It can also be used to lubricate mechanisms made of any type of metal or synthetic material.

Main applications:

- ✓ Trolleys, gears and valves in ovens, driers and exhaustors;
- ✓ All types of bearings subjected to high working temperatures in the textile, ceramic, chemical, mechanical and paper industries.
- ✓ Lubrication in corrosive environments.

### PACKAGING

The product is available both in bulk and in cartridge.

Cod. K0018200: Lt 1 jar and Lt 5 tank