

# HTB GREASE

## HIGH TEMPERATURES

VERSION 1 - MARS 2007

[www.mecatech-performances.com](http://www.mecatech-performances.com)

### CARACTERISTICS

- Colour Yellow-green
- Consistence (grade NLGI) grade 2 (ASTM 265/295)
- Drop point not measurable
- Temperature of use  $-10^{\circ}\text{C} / + 250^{\circ}\text{C}$
- Maximum load 400 Kg/mm<sup>2</sup>
- Maximum speed (ndm factor) 25 000
- Insoluble in fresh water, salty water, steam resistant.

### SCOPE OF USE

- HTB is a grease particularly suitable for all applications where the temperature exceeds 200°C, for each type of bearings: micro bearings to very large.
- HTB grease gives excellent results in equipment subjected to high loads with low or medium speeds.
- HTB grease is used and appreciated in the following industries: furnaces, construction and road works, mines, pumps, fans.
- Due to its wide operating range and high performance, HTB grease can replace several greases and thus simplify the maintenance of different types of equipment.

### MISCIBILITY

- Due to its formulation based on highly refined mineral oils with high viscosity, the HTB grease is not compatible with greases

using other types of thickening agents (calcium, lithium soaps). It is therefore essential to perform disassembly and complete cleaning if any of these greases was used before. It is still best to remove the rust inhibitors that protect the parts when mounting new bearings.

## AVANTAGES

- Because of its composition of high viscosity oils thickened with bentonite (activated clay), the HTB grease provides exceptional high-temperature properties, significantly reducing maintenance costs compared to an ordinary high temperature grease. Its very low vapour pressure and oxidation resistance provide a continuous operation at high temperature. Nevertheless, we advise small but regular re-lubrication for temperatures exceeding 200°C.
- HTB grease conserves a suitable consistency even at high temperatures and under high mechanical stress; it does not flow nor hardens and adheres strongly to metal surfaces.

## PRECAUTIONS FOR USE

- In normal use, the HTP grease presents no toxic nature and requires for its handling mere general precautions applying to industrial lubricants.

## PACKAGING

- Tins of 1 kg or 5 kg
- Barrels of 25 or 50 Kg.
- Carton of 50 cartridges of 400g.
- Article n°. 375xxx



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