

# EKO THERMOGREASE

## Bentonite-based grease for high temperature applications

### Description

EKO THERMOGREASE is an inorganic bentonite-based grease reinforced with antioxidant and EP/AW additives. EKO THERMOGREASE provides very good lubrication in high temperature - low speed applications.

Unlike greases that use a conventional soap thickener, EKO THERMOGREASE has no actual dropping point even at temperatures exceeding 260°C, and does not perceptibly soften or melt at high temperatures.

Its normal operating temperature is up to +150°C, but it also provides satisfactory lubrication at higher temperatures, of up to +200°C. Temperatures over +150°C require more frequent refilling. In applications operating under very high temperatures, it is necessary that bearings be cleaned more frequently to remove the deposits created by the thermal decomposition of the grease.

### Applications

- It is suitable for high temperature applications: paper industry, belt conveyor bearings in the glass industry where temperature exceeds +260°C, furnace chains, kilns and foundry trolleys, brewing, textile industry and elsewhere.
- It is suitable for lubricating disc brake wheel bearings.

### Specifications

DIN 51825 K2U-30

### Advantages

- Suitable for many automotive and industrial applications.
- It provides excellent lubrication and mechanical stability at high temperatures.
- It provides good resistance to water wash-out and excellent rust protection.

## Typical Characteristics

Properties	Methods	Units	EKO THERMOGREASE
Soap Base	-	-	Bentonite
Base Oil	-	-	Mineral oil
Colour	Visual Inspection	-	Brown
NLGI Grade	ASTM D217	-	2
Base Oil Viscosity at 40°C	ASTM D445	cSt	460
Dropping Point	ASTM D2265	°C	N/A
Worked Penetration, 60 strokes	ASTM D217	mm <sup>-1</sup>	265-295
Operating Temperature	-	°C	-30°C up to +150°C, max +200°C

## Health and safety

Protect the environment while disposing of used product.

30 January 2025