



# Lubrigrease HT 52/51

## PRODUCT DESCRIPTION

**Lubrigrease HT 52/51** is lithium complex thickened High Temperature Lubricating Grease based on a mixture of mineral oil and polymer. The grease contains antioxidants, corrosion inhibitors and EP/AW additives based on bismuth technology.

The lithium complex soap, together with the special base oil blend, makes the product suitable for applications at elevated temperatures, heavily loaded bearings and in wet and corrosive environments. The complex soap structure also gives the product a high degree of mechanical stability. This enhances the performance in vibrating housings and prolongs re-lubrication intervals.

The specially developed bismuth additive package gives the grease a very high load carrying capacity and excellent wear protection.

**Lubrigrease HT 52/51** is a modern high performance product suitable for various types of bearing applications in heavy industry. The product is the primary choice for heavily loaded bearing applications at elevated temperatures.

- Excellent at high temperatures
- Very good mechanical stability
- Very high load carrying capacity
- Good corrosion protection

## CLASSIFICATION

DIN 51502                      KP2N-20

## Physio-Chemical Properties

Properties	LUBRIGREASE HT51	LUBRIGREASE HT52
Colour	Amber	Amber
NLGI Grade	1	2
Thickener Soap	Lithium Complex Soap	Lithium Complex Soap
Worked penetration @25°C, after 60 strokes, 0.1 mm units, ASTM D217	325	300
Water Washout @79°C, ASTM D1264, % wt	<6	<5
Drop Point, °C, ASTM D2265, Min.	255	260
Viscosity of Base Oil @40°C, cSt, ASTM D445	200 - 220	280 - 320
Copper Strip Corrosion, ASTM D4048	1A	1A
Four-Ball Weld Load, ASTM D2596, kg	315	315