

## High Performance Grease

### DESCRIPTION

High Performance Grease is a high-quality long-term lubricating grease for extreme conditions, high temperatures, high surface pressures and aggressive media.

### PROPERTIES

Lubricating action is fully guaranteed for the temperature range -40 °C to +280 °C. High Performance Grease is resistant to all the commonly used solvents such as petrol, benzene, toluene, acetone and chlorinated hydrocarbons such as tetra- and trichloroethylene and trichloroethane and is resistant to inorganic acids such as sulphuric, hydrochloric and nitric acids and aqua regia (mixture of hydrochloric and nitric acid) as well as fatty acids, alcohols and halogens. High Performance Grease does not attack plastics or elastomers. The product is soluble in fluorochlorinated hydrocarbons. Non-toxic up to 300 °C. Highly economical due to long periods between lubrication or life-time lubrication.

Complies with the certification for grease in accordance with DIN 51 502: KFK2U-40

### TECHNICAL DATA

Colour	: white		
Basis	: synthetic oil/organic thickener		
NLGI	: 2		DIN 51818
Drop point	: non-drip		DIN ISO 2176
Worked penetration	: 265 – 295		DIN ISO 2137
Operating temperature range	: - 40°C bis + 280°C		
	short periods up to +300°C		
Evaporation loss according to 24 Std. / 150°C	: < 1	%	DIN 51581
nD <sub>m</sub> -value	: 250.000		
Flow pressure	: -35° / 275	hPa	DIN 51805

### APPLICATION

For high-temperature lubrication of roller and plain bearings on tunnel-kiln cars, continuous ovens in bakeries, hot-gas plants, calenders, high-load track rollers in conveyor systems, drying and firing plants, tempering shops and paint shops. Ejector pins and skids on injection moulds.

### INSTRUCTIONS

It is vital that other lubricants are removed beforehand. Clean with suitable solvents. Blow off residual solvent with dry compressed air.

Fill the roller bearing.

Unlike the usual recommendations for lubrication, fill the bearing as full as possible.

With high speed factors above ( $D_{m,n} = 50,000$ ) the filling amount is 60 %.

### AVAILABLE PACK SIZE

High Performance Grease 1 kg Part No. 3402

PI 03/01/05

**Our information is based on thorough research and may be considered reliable, although not legally binding.**

