



# Bathan KF 1 / 100 M

## K PF 2 K -25

High Pressure High Temperature Grease with Ceramic, long-life Abilities & modified EP-Additives

### Characteristics

Bathan KF 1 was developed according to latest findings. It is a high-performance universal grease. It is applicable with industrial machinery & facilities as well as high loaded vehicles.

The universal grease has a high-pressure acceptance, is seawater-proof, and can be used with prolonged lubrication intervals. It is particularly suitable for friction and roller bearings with high dynamic friction. KF 1 is suitable for greasing high loaded joints, tie bars, conducts of lifting equipment, slipways and tracks, flexible shafts, water pumps, and bearing surfaces. The grease can be used in construction & agricultural machinery, cranes, forklifts, and particularly for marine applications with seawater contact.

### Features

Bathan KF 1 contains our proven and reliable high performance ceramic. Under pressure, ductile deforming reduces wear point peaks and smoothens surfaces: Friction minimizes, and load-bearing capacity increases. The multi-purpose grease minimizes wear, increases functional reliability, and reduces maintenance costs. Lubrication intervals prolong and grease consumption decreases. Bathan KF 1 impairs elutriation of bearings and friction surfaces, and inhibits corrosion. The grease is conveyable with long lines, and can be used with automatic grease systems. Excellent emergency operating features are ensured at all time.

### Data

<b>Color</b>	Light yellow
<b>NLGI class</b>	2
<b>Drop point / DIN 51818</b>	150 °C
<b>Walk penetration / DIN 51804</b>	265-290
<b>Properties against water</b>	0-90
<b>Thermal scope</b>	-25 to +130 °C *
<b>Corrosion protection / DIN 51502</b>	0
<b>Base oil viscosity / DIN 51561</b>	850 mm <sup>2</sup> /s

### Shipping

ADR / SDR No dangerous goods

\*) The ceramic particles keep the lubricating properties beyond the thermal scope.

These instructions correspond to extensive tests and known properties and possible uses. Given the variety of technical problems, no liability can arise from this the probation can be derived in each individual case. Practical tests are recommended. Subject to changes in composition, to improve the products. No legal liability can be derived from this data.