



# Bathan KF 4 / 60 W

**K PF HC 1/2 P -40**

High Pressure - High Temperature Grease  
with Ceramic

## Characteristics

Bathan KF 4 was developed according to latest findings. It is a high-performance universal grease. It is applicable with industrial machinery & facilities and heavy duty vehicles.

BATHAN KF 4 is mechanically extremely resilient, water-resistant and can be used in a wide temperature range in slowly rotating plain and roller bearings as well as in particularly demanding lubrication points. It is very well suited for bearings in the wind power, paper and steel industries as well as in port facilities. It is particularly suitable for dusty and wet environments. BATHAN KF 4 ensures excellent sealing and durability.

## Features

BATHAN KF 4 contains the proven high-performance ceramics. Under load, ceramic particles smoothen roughness peaks depths. Friction is reduced and the load-bearing capacity is increased. The ceramic reduces lubrication volumes significantly and extends lubrication intervals. BATHAN KF 7 is suitable for automatic lubrication systems and can be easily conveyed through long lines. Excellent emergency lubrication is guaranteed at all times.

## Data

|   |                        |
|---|------------------------|
| <b>Color</b>                              | Yellow                 |
| <b>NLGI class</b>                         | 1-2                    |
| <b>Drop point / DIN 51818</b>             | >275 °C                |
| <b>Walk penetration / DIN 51804</b>       | 290-320                |
| <b>Thickener</b>                          | Lithium complex        |
| <b>Thermal scope</b>                      | -40 to +160 °C *       |
| <b>Water wash out / ASTM D 1264</b>       | 5% weight              |
| <b>Flow pressure at 40 °C / DIN 51805</b> | 500 mbar               |
| <b>Flow pressure 1400 mbar</b>            | <-40 °C                |
| <b>Base oil viscosity / DIN 51561</b>     | 460 mm <sup>2</sup> /s |
| <b>4 ball wear / DIN 51350 T5</b>         | 0,37 mm                |
| <b>SKF-EMCOR / DIN 51802</b>              | 0-0                    |
| <b>4 ball EP / ASTM D 2596</b>            | 500 Kgf                |

## 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.