



Shanghai Jichuan Trading

High Performance Grease (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, soft and pliable
Basis : synthetic oil
Thickener : organic
NLGI number : 2
Operating temperature range: -40 °C to +280 °C (continuous loading)
Short periods up to +300 °C
Evaporation loss according to
24 h/150 °C : < 1%
nD_m-value : 250.000
Flow pressure : -35°/275 hPa

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

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