

Product information

High Performance-Grease

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Description

High-quality long-term lubricating grease for extreme conditions, high temperatures, high surface pressures and aggressive media. Highly economical due to long periods between lubrication or life-time lubrication. 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.



Fill the roller bearing.

Unlike the usual recommendations for lubrication, fill the bearing as full as possible. With high speed factors above ($D_{mn} = 50,000$) the filling amount is 60 %.

Available pack sizes

1 kg Can sheet metal 3402
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Technical data

Brief description	KFK2U-40 DIN 51502
Saponification type	organisch
Base	Syntheseöl / synthetic oil
Operating temperature range	-40 bis +280, kurzzeitig bis/short periods up to +300 °C
Color / appearance	weiß / white
NLGI number	2 DIN 51818
Dropping point	ohne / without DIN ISO 2176
Base oil viscosity 40°C	345 mm ² /s
Worked penetration	265 – 295 1/10 mm DIN ISO 2137

Areas of 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.

Application

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

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