THERMOPLEX ALN 1002

K P HC 2 N -40

THERMOPLEX ALN 1002 is a synthetic special grease for high temperatures. It is based on synthetic hydrocarbons with a special thickener of high metal affinity.

Special properties

- High resistance towards oxidation and high temperatures
- High load carrying capacity
- High lubricating effect at low friction coefficients
- Excellent wear protection
- Long grease service life and wide operating temperature

Product Characteristics	Value	Dimension	Norm / Standard
Colour	bright beige		
Density at 20°C	0,85	g/cm³	DIN 51757
Operating temperature range	-40 to 140	°C	
Thickener	Polyurea aluminium special soap		
Base oil	Synthetic hydrocarbons		
Kin. viscosity of the base oil at 40°C	100	mm²/s	DIN EN ISO 3104
Kin. viscosity of the base oil at 100°C	14	mm²/s	DIN EN ISO 3104
Worked penetration	265 – 295	mm/10	DIN ISO 2137
Consistency class (NLGI)	2		DIN 51818
Dropping point	> 250	°C	DIN ISO 2176
Resistance to water	0 – 90		DIN 51807
Corrosion protection (SKF-Emcor)	0 / 0		DIN 51802
Speed factor of grease (n x dm)	700 000	mm/min	
Four-ball test O.K. load / welded load	2000 / 2200	N	DIN 51350

Application

THERMOPLEX ALN 1002 is especially suitable for the lubrication of roller and plain bearings, linear sliding guides and recirculating ball screws.

THERMOPLEX ALN 1002 shows an optimum behaviour at oscillation and environmental influences like hot and cold water.

Packaging units

20 x 400 g cartridges, 6 x 1 kg cans, 5 kg bucket, 25 kg hobbock, 180 kg drum