



THERMOPLEX ALN 252 EP

K P E 2 N -50



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THERMOPLEX ALN 252 EP is a special media-resistant grease for high speed roller bearings.

High metal affinity as well as excellent thermal-oxidative stability is proved by the particular polyurea aluminium soap. The base oil, a combination of synthetic fluids, with optimum viscosity/ temperature behaviour ensures a constantly sufficient lubricating film.

Special properties

- High resistance towards oxidation and high temperatures
- High load carrying capacity
- Excellent wear protection
- Excellent lubricating properties
- Long grease service life and wide operating temperature
- Good media resistance

Product Characteristics	Value	Dimension	Norm / Standard
Colour	beige		
Density at 20°C	0,91	g/cm ³	DIN 51757
Operating temperature range	-50 to 140	°C	
Thickener	Polyurea aluminium special soap		
Base oil	SHC / Ester		
Kin. viscosity of the base oil at 40°C	25	mm ² /s	DIN EN ISO 3104
Kin. viscosity of the base oil at 100°C	5,6	mm ² /s	DIN EN ISO 3104
Worked penetration	265 – 295	mm/10	DIN ISO 2137
Consistency class (NLGI)	2		DIN 51818
Dropping point	> 180	°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)	1 600 000	mm/min	

Application

THERMOPLEX ALN 252 EP is used in roller bearings at different rotation and load conditions. Further on it is used for bearing lubrication in motor test benches, fans, clutch release bearings, conveyor systems, chain wheel bearings, generators and water-pump bearings.

Packaging units

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

The products are subject to continuous strict production controls and comply with our own factory specifications. A warranty for each case cannot be given, due to the variety of relevant factors. Therefore, we recommend the implementation of field tests. Herewith, any liability is expressly excluded.

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