



THERMOPLEX ALN 1001/00

G P HC 00 N -40



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THERMOPLEX ALN 1001/00 is a synthetic gear flow grease for high temperatures 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
- Excellent wear protection
- Long grease service life and wide operating temperature
- High lubricating effect at low friction coefficients

Product Characteristics	Value	Dimension	Norm / Standard
Colour	light beige		
Density at 20°C	0,84	g/cm ³	DIN EN ISO 2811-1
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	mm ² /s	DIN EN ISO 3104
Kin. viscosity of the base oil at 100°C	14	mm ² /s	DIN EN ISO 3104
Worked penetration	400 – 430	mm/10	DIN ISO 2137
Consistency class (NLGI)	00		DIN 51818
Dropping point	> 200	°C	DIN ISO 2176
Resistance to water	0 – 90		DIN 51807
Corrosion protection (SKF-Emcor)	0 / 0		DIN 51802

Application

In gears of electric tools, machine tools, actuating drives, needle bearings and for all applications where structurally viscous lubricants have to stop leakage and to reduce wear.

Packaging units

25 x 100 g tubes, 20 x 400 g cartridges, 6 x 1 kg cans, 5 kg bucket, 10 kg hobbock, 25 kg hobbock, 50 kg hobbock, 170 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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