



THERMOPLEX ALN 251 EP

G P H C F 1 N-50



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THERMOPLEX ALN 251 EP has been especially developed for the gear lubrication. High metal affinity as well as excellent thermal-oxidative stability is proved by the polyurea aluminium special 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
- Long grease service life and wide operating temperature
- High lubricating effect at low friction coefficients

Product Characteristics	Value	Dimension	Norm / Standard
Colour	beige		
Density at 20°C	0,90	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	310 – 340	mm/10	DIN ISO 2137
Consistency class (NLGI)	1		DIN 51818
Dropping point	> 180	°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 leakages and to reduce wear.

Packaging units

25 x 100 g tubes, 20 x 400 g cartridges, 6 x 1 kg cans, 5 kg bucket, 25 kg hobbock, 50 kg hobbock, 180 kg drum