



# TURMOSYNTHGREASE ALN 1001/00

G P HC 00 N -40



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**TURMOSYNTHGREASE ALN 1001/00** is a synthetic semi-fluid gear grease for high demands based on synthetic hydrocarbons with a special thickener of high metal affinity.

**TURMOSYNTHGREASE ALN 1001/00** is NSF H1 registered as lubricant for which an incidental contact with food technically cannot be avoided.

## Special properties

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

Product Characteristics	Value	Dimension	Norm / Standard
Colour	beige		
Density at 20°C	0,85	g/cm <sup>3</sup>	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	mm <sup>2</sup> /s	DIN EN ISO 3104
Kin. viscosity of the base oil at 100°C	15,5	mm <sup>2</sup> /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-Empcor)	0 / 0		DIN 51802

## Application

Generally used in gears of electric tools, actuators, needle bearings and in all lubricating points, where intrinsically viscous lubricants stop leakage and reduce wear.

## Packaging units

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



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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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