



# TURMOSYNTHGREASE ALN 1002

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**TURMOSYNTHGREASE ALN 1002** is a synthetic special grease for high demands based on synthetic hydrocarbons with a special thickener of high metal affinity.

**TURMOSYNTHGREASE ALN 1002** is NSF/H1 approved 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 - reddish beige		
Density at 20°C	0,84	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	265 – 295	mm/10	DIN ISO 2137
Consistency class (NLGI)	2		DIN 51818
Dropping point	> 200	°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	

## Application

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

**TURMOSYNTHGREASE ALN 1002** shows an optimal behaviour at oscillation and environmental influences like hot and cold water.

## Packaging units

20 x 400 g cartridges, 6 x 1 kg cans, 6 x 5 kg buckets, 25 kg hobbocks, 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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