



# TURMOSYNTHGREASE ALN 1001 clean

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**TURMOSYNTHGREASE ALN 1001 clean** is a fully synthetic special grease with antimicrobial additives for aseptic processing environments. It is based on synthetic hydrocarbons with a special thickener of high metal affinity.

**TURMOSYNTHGREASE ALN 1001 clean** meets the requirements for an H1 registration as lubricant for which an incidental contact with food technically cannot be avoided.

## Special properties

- Special additives to prevent microbial growth in the grease
- High thermal stability and oxidation resistance
- 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/cm³	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	mm²/s	DIN EN ISO 3104
Kin. viscosity of the base oil at 100°C	15,5	mm²/s	DIN EN ISO 3104
Worked penetration	310 – 340	mm/10	DIN ISO 2137
Consistency class (NLGI)	1		DIN 51818
Dropping point	> 220	°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)	300 000	mm/min	

## Application

**TURMOSYNTHGREASE ALN 1001 clean** is especially suitable for the lubrication of roller and plain bearings, linear sliding guides and recirculating ball screws.

**TURMOSYNTHGREASE ALN 1001 clean** shows an optimum behaviour at oscillation and environmental influences like hot and cold water.

**TURMOSYNTHGREASE ALN 1001 clean** is used wherever a high level of cleanliness is required and where growth of pathogenic germs and microbial contamination is a risk.

This includes all processes where special measures for germ reduction, like heating, radiation, sterilization and addition of preservatives, are excluded.

Application areas are in the food and beverage industries, in the manufacture of pet food and in the tobacco industry, the pharmaceutical and cosmetics industries, in the medical technology, in hospitals and doctor's surgeries, as well as canteen kitchens.

## Packaging units

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

LUBRICANT CONSULT GMBH · Gutenbergstrasse 13 · 63477 Maintal (Germany)

Tel: +49 (0) 6109 / 7650-0 · Fax: +49 (0) 6109 / 7650-51 · E-Mail: [webmaster@lubcon.com](mailto:webmaster@lubcon.com) · Internet: <http://www.lubcon.com>