



# TURMOSYNTHGREASE LT 300 clean

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**TURMOSYNTHGREASE LT 300 clean** is a low temperature grease based on synthetic hydrocarbons with a special thickener of high metal affinity.

**TURMOSYNTHGREASE LT 300 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 resistance towards oxidation and high temperatures
- Good 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	0,83	g/cm <sup>3</sup>	DIN 51757
Operating temperature range	-54 to 120	°C	
Thickener	Polyurea aluminium special soap		
Base oil	Synthetic hydrocarbons		
Kin. viscosity of the base oil at 40°C	28	mm <sup>2</sup> /s	DIN EN ISO 3104
Kin. viscosity of the base oil at 100°C	6	mm <sup>2</sup> /s	DIN EN ISO 3104
Worked penetration	355 – 385	mm/10	DIN ISO 2137
Consistency class (NLGI)	0		DIN 51818
Dropping point	> 160	°C	DIN ISO 2176
Corrosion protection ( SKF-Emcor)	0 / 0		DIN 51802
Speed factor of grease (n x dm)	300 000	mm/min	

## Application

**TURMOSYNTHGREASE LT 300 clean** is used wherever a high level of cleanliness is required and where growth of pathogenic germs and microbial contamination, especially mould fungus like *Fusarium oxysporum*, are a risk. This includes all processes where special measures for germ reduction, like heating, radiation, sterilisation and addition of preservatives, are excluded.

For general use at lubricating points which have to operate most of the time at low temperatures. As well for the lubrication of gears with low driving power.

## Packaging units

6 x 1 kg can, 5 kg bucket, 25 kg hobbock, 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.

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