



TURMOSYNTHGREASE ALN 1002 TF

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TURMOSYNTHGREASE ALN 1002 TF is a special grease for high demands based on synthetic hydrocarbons with a special thickener of high metal affinity and PTFE as solid lubricant.

TURMOSYNTHGREASE ALN 1002 TF meets the requirements for an H1 approval 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
- Very good lubricity
- 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	0,86	g/cm ³	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 ² /s	DIN EN ISO 3104
Kin. viscosity of the base oil at 100°C	15,5	mm ² /s	DIN EN ISO 3104
Worked penetration	265 – 295	mm/10	DIN ISO 2137
Consistency class (NLGI)	2		DIN 51818
Dropping point	> 230	°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 TF is especially suitable for the lubrication of roller and plain bearings , linear sliding guides and recirculating ball screws.

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

Packaging units

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