



TURMOSYNTHGREASE ALN 501

K P H C 1 N -40



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TURMOSYNTHGREASE ALN 501 is a special grease for high demands based on synthetic hydrocarbons and a special thickener of high metal affinity.

TURMOSYNTHGREASE ALN 501 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
- Excellent corrosion and wear protection
- Long grease service life and wide operating temperature

Product Characteristics	Value	Dimension	Norm / Standard
Colour	ochre		
Density at 20°C	0,85	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	50	mm ² /s	DIN EN ISO 3104
Kin. viscosity of the base oil at 100°C	8,0	mm ² /s	DIN EN ISO 3104
Worked penetration	310 – 340	mm/10	DIN ISO 2137
Consistency class (NLGI)	1		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)	600 000	mm/min	

Application

TURMOSYNTHGREASE ALN 501 is especially suitable for the lubrication of roller and plain bearings , linear sliding guides and recirculating ball screws.

TURMOSYNTHGREASE ALN 501 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



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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.

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 · Internet: <http://www.lubcon.com>