



TURMOSYNTHGREASE ALN 4601

K P HC 1 R -30



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TURMOSYNTHGREASE ALN 4601 is a synthetical special grease for high specific loads in a wide operating temperature range.

TURMOSYNTHGREASE ALN 4601 is InS/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
- Very good wear protection
- Excellent corrosion protection
- Long grease service life and wide operating temperature

Product Characteristics	Value	Dimension	Norm / Standard
Colour	beige		
Density at 20°C	0,86	g/cm ³	DIN 51757
Operating temperature range	-30 to 180	°C	
Thickener	Polyurea aluminium special soap		
Base oil	Synthetic hydrocarbons		
Kin. viscosity of the base oil at 40°C	460	mm ² /s	DIN EN ISO 3104
Kin. viscosity of the base oil at 100°C	47	mm ² /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)	220 000	mm/min	

Application

TURMOSYNTHGREASE ALN 4601 is especially suitable for the lubrication of roller and plain bearings at low and medium speed up to a speed factor of 220.000 (n x dm). **TURMOSYNTHGREASE ALN 4601** 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, 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.

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