



THERMOPLEX ALN 4602

K P HC 2 R -30



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THERMOPLEX ALN 4602 is a synthetical special grease for high specific loads in a wide operating temperature range.

Special properties

- Excellent high load carrying capacity
- Excellent corrosion and wear protection
- High oxidation resistance
- High resistance to temperature
- Long grease service life and wide operating temperature

Product Characteristics	Value	Dimension	Norm / Standard
Colour	beige - reddish beige		
Density at 20°C	0,84	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	48	mm ² /s	DIN EN ISO 3104
Worked penetration	265 – 295	mm/10	DIN ISO 2137
Consistency class (NLGI)	2		DIN 51818
Dropping point	> 200	°C	DIN ISO 2176
Resistance to water	1 – 80		DIN 51807
Corrosion protection (SKF-Emcor)	0 / 0		DIN 51802
Speed factor of grease (n x dm)	220 000	mm/min	

Application

THERMOPLEX ALN 4602 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). **THERMOPLEX ALN 4602** 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

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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