



THERMOPLEX ALN 4602 TF

K P F HC 2 R -30



Date of issue: 08.06.2017

THERMOPLEX ALN 4602 TF is a synthetical special grease with white solid lubricants 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		
Density at 20°C	0,85	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	0 – 90		DIN 51807
Corrosion protection (SKF-Empcor)	0 / 0		DIN 51802
Speed factor of grease (n x dm)	220 000	mm/min	

Application

THERMOPLEX ALN 4602 TF 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 TF 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.

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>