



THERMOPLEX ALN 4602/00

G P HC 00 P -30



Date of issue: 29.11.2018

THERMOPLEX ALN 4602/00 is a fluid gear grease for specific loads in a wide operating temperature range. It is based on synthetic hydrocarbons with a special thickener of high metal affinity.

Special properties

- High thermal stability and oxidation resistance
- High load carrying capacity
- Very good corrosion protection
- Very good wear protection
- Long grease service life and wide operating temperature

Product Characteristics	Value	Dimension	Norm / Standard
Colour	beige		
Density at 20°C	0,89	g/cm ³	DIN 51757
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	400 – 430	mm/10	DIN ISO 2137
Consistency class (NLGI)	00		DIN 51818
Dropping point	> 200	°C	DIN ISO 2176
Resistance to water	1 – 80		DIN 51807
Corrosion protection (SKF-Emcor)	0 / 0		DIN 51802

Application

In general for gears in electric tools and machine tools, actuators, needle bearings and in all applications points, where intrinsically viscous lubricants stop leakage and reduce wear.

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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