



TURMOSYNTHGREASE AL 4601

K P 1 P -20



Date of issue: 01.03.2023

TURMOSYNTHGREASE AL 4601 is a light-coloured special grease for the food industry.

TURMOSYNTHGREASE AL 4601 is NSF H1 registered as lubricant for which an incidental contact with food technically cannot be avoided.

Special properties

- Resistant to cold/hot water
- Good adhesive properties
- Safe lubrication in the temperature range
- High load carrying capacity
- Good corrosion protection
- Good wear protection
- High oxidation resistance

Product Characteristics	Value	Dimension	Norm / Standard
Colour	whitish, transparent		
Density at 20°C	0,86	g/cm ³	DIN EN ISO 2811-1
Operating temperature range	-20 to 160	°C	
Thickener	Aluminium special soap		
Base oil	White oil		
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	42	mm ² /s	DIN EN ISO 3104
Worked penetration	310 – 340	mm/10	DIN ISO 2137
Consistency class (NLGI)	1		DIN 51818
Dropping point	> 250	°C	DIN ISO 2176
Resistance to water	1 – 90		DIN 51807
Corrosion protection (SKF-Emcor)	0 / 0		DIN 51802
Speed factor of grease (n x dm)	220 000	mm/min	

Application

Especially qualified for use in roller and friction bearings, guiding ways, sliding rails, rollers, cam disks, gear rings and toothed racks at filling and seaming machines, washing machines, conveyor plants, sorting machines, winemaking presses as well as in tubular tracks and rolling hooks in slaughter houses.

Further applications are in the food and beverage industries, in the production of frozen foods, the tobacco industry, in the canning industry, the pharmaceutical and cosmetics industries, as well as canteen kitchens and coffee roasters.

Packaging units

20 x 400 g cartridges, 6 x 1 kg cans, 25 kg hobbock, 50 kg hobbock, 180 kg drum



138985

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>