



THERMOPLEX L 552

K P E 2 R -40



Date of issue: 10.05.2017

THERMOPLEX L 552 is a fully synthetic grease for high speed and high temperature applications.

Special properties

- Low heating for high speed bearings
- Suitable for long-term and lifetime lubrication
- Low starting resistance for anti friction bearing
- High load carrying capacity
- Safe lubrication at low temperatures

Product Characteristics	Value	Dimension	Norm / Standard
Colour	beige		
Density at 20°C	0,97	g/cm ³	DIN 51757
Operating temperature range	-40 to 180	°C	
Thickener	Lithium special soap		
Base oil	Ester / SHC		
Kin. viscosity of the base oil at 40°C	55	mm ² /s	DIN EN ISO 3104
Kin. viscosity of the base oil at 100°C	9	mm ² /s	DIN EN ISO 3104
Worked penetration	265 – 295	mm/10	DIN ISO 2137
Consistency class (NLGI)	2		DIN 51818
Dropping point	> 220	°C	DIN ISO 2176
Resistance to water	1 – 80		DIN 51807
Corrosion protection (SKF-Empcor)	0 / 0		DIN 51802
Speed factor of grease (n x dm)	1 300 000	mm/min	
Starting/ running torque at -40°C	174 / 98	mNm	IP 186

Application

Thermal and mechanical high loaded rolling bearings in electric motors, fans, spindles and wheel bearings.

Packaging units

25 x 100 g tubes, 20 x 400 g cartridges, 6 x 1 kg cans, 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>