



# TURMOGREASE Highspeed L 252

K P HC 2/3 K -50



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**TURMOGREASE Highspeed L 252** is regarded as universal grease for highspeed rolling bearings.

## Special properties

- Very high speed factor
- Excellent smooth running properties
- Very good low temperature properties
- Long grease service life
- High operating reliability

Product Characteristics	Value	Dimension	Norm / Standard
Colour	beige		
Density at 20°C	0,91	g/cm <sup>3</sup>	DIN 51757
Operating temperature range	-50 to 120	°C	
Thickener	Lithium special soap		
Base oil	SHC / Ester		
Kin. viscosity of the base oil at 40°C	25	mm <sup>2</sup> /s	DIN EN ISO 3104
Kin. viscosity of the base oil at 100°C	6	mm <sup>2</sup> /s	DIN EN ISO 3104
Worked penetration	250 – 265	mm/10	DIN ISO 2137
Consistency class (NLGI)	2 – 3		DIN 51818
Dropping point	> 250	°C	DIN ISO 2176
Resistance to water	1 – 90		DIN 51807
Corrosion protection ( SKF-Emcors)	0 / 0		DIN 51802
Speed factor of grease (n x dm)	approx. 2 200 000	mm/min	
Oil separation at 8°C	0,4	%	DIN 51817
Oil separation at 40°C	1,5	%	DIN 51817
Oil separation at 100°C	8,5	%	DIN 51817
FE8-Tests B-6000/50-90 running time without failure	> 500	h	DIN 51819
FE9-Tests A/1500/6000-120 F50	> 400	h	DIN 51821
Starting /running torque at -50°C	131 / 106	mNm	ASTM D 1478
Four-ball test O.K. load / welded load	2200 / 2400	N	DIN 51350

## Application

**TURMOGREASE Highspeed L 252** is used in spindle bearing arrangements of machine tools, e. g. grinding, milling and motor spindle units (spindle units driven by an integrated motor).

**TURMOGREASE Highspeed L 252** is preferably used in spindle bearings and cylindrical roller bearings of a bore size below d = 100 mm of the inner ring.

## 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.

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