



THERMOPLEX LC 302 EP

K P E 2 N -50



Date of issue: 26.03.2018

THERMOPLEX LC 302 EP is a multipurpose long-term lubricant for high loads. The special base oil mixture and additives of **THERMOPLEX LC 302 EP** help to optimize general lubricant properties.

Special properties

- Excellent corrosion and wear protection
- High load carrying capacity and excellent EP-characteristics
- Very high ageing stability
- No corrosion of nonferrous metals up to 100°C
- Good media resistance
- High lubricating film stability

Product Characteristics	Value	Dimension	Norm / Standard
Colour	beige - olive green		
Density at 20°C	0,94	g/cm ³	DIN 51757
Operating temperature range	-50 to 150	°C	
Thickener	Li / Ca soap		
Base oil	Ester		
Kin. viscosity of the base oil at 40°C	30	mm ² /s	DIN EN ISO 3104
Kin. viscosity of the base oil at 100°C	8,3	mm ² /s	DIN EN ISO 3104
Worked penetration	265 – 295	mm/10	DIN ISO 2137
Consistency class (NLGI)	2		DIN 51818
Dropping point	> 170	°C	DIN ISO 2176
Resistance to water	0 – 90		DIN 51807
Corrosion protection (SKF-Emcor)	0 / 0		DIN 51802
Speed factor of grease (n x dm)	1 800 000	mm/min	
FE9-Tests A/1500/6000-150 F10	122	h	DIN 51821
FE9-Tests A/1500/6000-150 F50	216	h	DIN 51821
Starting /running torque at -40°C	447 / 43,7	mNm	ASTM D 1478
Starting /running torque at -30°C	265 / 23,6	mNm	ASTM D 1478
Four-ball test O.K. load / welded load	3000 / 3200	N	DIN 51350

Application

Multipurpose high-performance grease for rolling and plain bearings for different demands. Universal grease for precision and optical tools - suitable also for applications at low temperatures like in the automotive industry.

Packaging units

20 x 400 g cartridges, 6 x 1 kg cans, 5 kg bucket, 25 kg hobbock, 50 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>