



LUBRICATING GREASES

ADDINOL HIGHTEMP EK 2

PRODUCT DESCRIPTION

ADDINOL Hightemp EK 2 is a lithium complex soap based on mineral oil with EP additives.

Temperature range from -30 °C up to +150 °C, short term peak up to +200 °C.

APPLICATION

- Excellent suitable for lubrication of highly loaded roller and sliding bearings in industrial and automotive applications as well
- Particularly recommended for wheel bearing lubrication of commercial cars
- Very good applicable for high-speed wheel bearings of passenger cars

DELIVERY

Delivery in big and small packaging.

SPECIFICATIONS

Meets the requirements according to:

- MAN 284 Li-H2
- Volvo STD 1277,18 and 1277,2
- MB-Approval 265.1

According to DIN 51502:

- KP2P-30

According to ISO 6743:

- ISO-L-X CDHB2

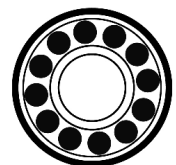
In compliance with NLGI class 2.

CHARACTERISTICS

- Shear-stable
- Outstanding oxidation stability
- Excellent water resistance
- Good anti-corrosion properties
- High thermal load capacity
- Good pressure absorption capacity

ADVANTAGES AND BENEFITS

- Warranty of the structural stability
- Excellent ageing stability
- Direct contact with water is possible
- Long lifetime of the machine parts
- Usable up to 150°C
- Lubrication of highly pressure loaded bearings





ADDINOL HIGHTEMP EK 2

SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test condition / unit		Hightemp EK 2	Method acc. to
Colour			brown	visual
Structure			pasty	
Thickener			lithium complex soap	
NLGI class			2	DIN 51818
According to DIN			KP2P-30	DIN 51502
According to ISO			ISO-L-X CDHB2	ISO 6743
Temperature range		°C	-30 up to +150	
Drop point		°C	> 250	DIN ISO 2176
Worked penetration		0.1 mm	265 - 295	DIN ISO 2137
Speed factor		mm/min	350000	
Behaviour against water	90°C / 3h		1-90	DIN 51807
Degree of copper corrosion	140°C/24h		1 - 140	DIN 51811
Degree of corrosion acc. to Emcor			0 - 0	DIN 51802
Mech.-dyn. examination A/1500/6000-150	150°C	h	F ₅₀ > 100	DIN 51821-2
VKA welding load		N	2600	DIN 51350
VKA wear scar	400 N / 1h	mm	0.4	DIN 51350
	1000 N / 1 min	mm	0.9	

Base oil

Type			mineral oil	
Viscosity	at 40°C	mm ² /s	170	DIN 51562

ADDINOL - The Experts for High-Performance Lubricants

We at ADDINOL develop and produce more than 600 high-performance lubricants of the new generation. Among these are automotive lubricants for highest demands and pioneering developments for industrial applications. Our customers all over the world benefit from the high and stable quality of our ADDINOL high-performance lubricants, our know-how and the individual customer advisory service of our competent experts. Our company has world wide activities. ADDINOL high-performance lubricants are distributed by more than 90 international partners.

The data given in this product sheet represent our current level of knowledge and experience. Due to the various specific application they do, however, not discharge the user from his own examination. The information provided herein may not be used to derive a legally binding warranty of specific properties or the suitability for a certain purpose of application. Detailed security-concerning and toxicological data as well as security instructions for each product can be taken from the corresponding Material Safety Data Sheets (MSDS). High-performance lubricants from ADDINOL are under continuous development. Therefore, ADDINOL Lube Oil GmbH keeps the right to change technical data in this product data sheet without notification. In case of doubt, please do not hesitate to contact our customers' advisory service.