



## LUBRICATING GREASES

# ADDINOL GREASE EP 2 G

### PRODUCT DESCRIPTION

ADDINOL Grease EP 2 G is a EP-lubricating grease with lithium-soap and graphite for emergency lubrication. It is based on semi-synthetic base oils.

Temperature range from -25 °C up to +140 °C, at short term up to +150°C.

### APPLICATION

- Excellent suitability for the lubrication of vehicles, industrial machineries and for all kind of bearings working under extremely high loads.
- Particularly usable for extremely high loaded sliding bearings, guideways, spindle, wire ropes and more.
- Reliable long term lubrication.
- Suitable for central lubrication systems.

### CHARACTERISTICS

- Stable at operation
- Oxidation stability
- Water resistant
  
- High corrosion protection
- High pressure absorption capacity
- High thermal resistance

### SPECIFICATIONS/APPROVALS

According to DIN 51502:

- KP2N-30

According to ISO 6743:

- ISO-L-X CDHB2

In compliance with NLGI class 2.

### DELIVERY

Delivery preferable in 180 kg drums, 25 kg hobbocks and 1 kg pails.

### ADVANTAGES AND BENEFITS

- Stable structure is guaranteed
- Excellent ageing stability
- Lubricating effect is sustained also at large amounts of water
- Long lifetime of the machine parts
- Reliable lubrication also at high and shock loads
- Usable up to +140°C





## ADDINOL GREASE EP 2 G

### SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test conditions / unit		Grease EP 2 G	Method acc. to
Colour			black	visual
Structure			pasty	
Thickener			Lithium soap/graphite	
NLGI class			2	DIN 51818
According to DIN			KP2N-30	DIN 51502
According to ISO			ISO-L-X CDHB2	ISO 6743
Temperature range		°C	-30 up to +140, short-term application up to +150	
Worked penetration	0.1 mm		265-295	DIN ISO 2137
Drop point		°C	> 190	DIN ISO 2176
Speed factor	n · d <sub>m</sub>	min <sup>-1</sup> ·mm	150,000	
Behaviour against water			1-90	DIN 51807
Degree of copper corrosion	24h at 130°C	corr.level	max. 1	DIN 51811
Degree of corrosion acc. to Emcor			0 and 0	DIN 51802
VKA welding load		N	3400	DIN 51350-4
Timken test (ok load)		N	222.5	DIN 51434-3

### Base oil

Type			semi-synthetic oil	
Viscosity	at 40°C	mm <sup>2</sup> /s	800	DIN 51562-1

### 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 70 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.