



SPECIAL GREASES

ADDILITH EP 0

PRODUCT DESCRIPTION

ADDINOL Addilith EP 0 is a special grease based on mineral oil and Li-12-Hydrostearate as well as EP-additives.

Temperature range from -40 °C up to +120 °C, short term temperature peaks +180°C.

APPLICATION

- Mainly used for lubrication of highly pressure loaded roller and sliding bearings
- Suitable for the lubrication of spur and bevel gears, worm and toothed gears and for small gears with low driving power
- Used in sealed roller and sliding bearings with a low bearing internal clearance and operating at high speeds
- Fit for garage door drives, leaf springs in rail vehicles, sliding bearings in telescopic axles
- Suitable as multi-purpose grease in trucks, construction vehicles, special purpose and agricultural vehicles
- Outstanding suitability in central lubrication systems

SPECIFICATIONS

According to DIN 51502:

- GP0K-40

According to ISO 6743:

- ISO-L-X DCEB0

In compliance with NLGI class 0.

Meets the requirements acc. to:

- MAN company standard 283 Li-P 0
- Central lubrication system of Groeneveld

DELIVERY

Delivery in removable pail, 18 kg and 1 kg can.

CHARACTERISTICS

- Oxidation resistant
- High pressure absorption capacity
- Protects against corrosion
- Shear-stable
- Highly water resistant
- Good adhesion

ADVANTAGES AND BENEFITS

- Slow ageing of the lubricant
- Applicable under extended pressure loads
- Long lifetime of the machine parts
- Does not build solid deposits
- Direct contact with process water possible
- Prevention of dripping caused by rotation and vibrations





ADDILITH EP 0

SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test condition / unit		ADDILITH EP 0	Method acc. to
Colour			light brown	visual
Structure			viscous	
Thickener			LI-12-Hydrostearate	
NLGI class			0	DIN 51818
According to DIN			GP0K-40	DIN 51502
According to ISO			ISO-L-X DCEB0	ISO 6743
Temperature range		°C	-40 up to +120 (short term +180)	
Worked penetration	0.1 mm		355-385	DIN ISO 2137
Speed factor	n · d _m	min ⁻¹ ·mm	300,000	
Drop point		°C	> 170	DIN ISO 2176
Behaviour against water			1-90	DIN 51807
Corrosion protection			0	DIN 51802
FZG A/2,8/90			> 12	DIN 51345
VKA welding load		N	2,600	DIN 51350-4

Base oil

Type			mineral oil	
Viscosity	at 40°C	mm ² /s	90	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 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.