



SPECIAL GREASES

ADDINOL ECOSYNTH FLANGE GREASE G

PRODUCT DESCRIPTION

ADDINOL Ecosynth Flange Grease G is a graphite containing, very soft grease based on synthetic ester and a special calcium soap for thickening.

Service temperature: - 30 °C to + 80 °C.

APPLICATION

- Particularly suitable for wheel flange lubrication using mobile on-board lubrication systems.
- Applicable for lubricating of sliding surfaces and guideways of construction vehicles, forestry equipment and similar.

PLEASE NOTE

Due to its quick biodegradability, the product has to be stored air-tight and closed.

APPROVALS / SPECIFICATIONS

ADDINOL Ecosynth Flange Grease G is approved for application in wheel-flange lubrication systems of the company REBS.

Tagging according to DIN 51502:

- MFE 000 E-30

Consistency in compliance with NLGI grade 000* (* ... related to static penetration).

BIODEGRADATION

- Acc. to OECD 301 B: >60 % after 28 days

DELIVERY

Delivery in 25kg hobbocks.

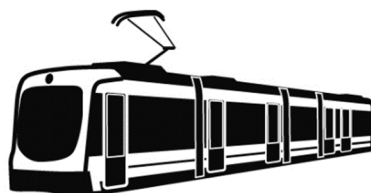
CHARACTERISTICS

- Resistance against water
- Good Flowability
- High biodegradability

- Solid lubricant graphite
- Prevents squeaking

ADVANTAGES AND BENEFITS

- Reliable lubrication even under impact of water
- Suited for use in central lubrication systems
- Suitable for the substitution of conventional, mineral products, because a contamination with the environment could not be excluded
- Excellent emergency lubricating properties
- Reduction of noises





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SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test condition / Unit		Ecosynth Flange Grease G	Method acc. to
Colour			Black	Visual
Thickener type			Calcium soap	
Solid lubricant			Graphite	
NLGI grade	* ... related to static penetration		000*	DIN 51818
DIN tagging			MFE 000 E-30	DIN 51502
Service temperature		°C	- 30 to + 80	
Density	20 °C	kg/m ³	940	DIN 51757
Dropping point		°C	≥ 140	DIN ISO 2176
Water resistance	40 °C, 3h	Rating	0 - 40	DIN 51807
Static penetration		0.1 mm	460 - 480	DIN ISO 2137
VKA welding load		N	1600	DIN 51350-4
VKA wear scar	300N, 1h	mm	≤ 1.1	DIN 51350-5

Base oil

Type			Synthetic ester	
Viscosity	40 °C	mm ² /s	25	DIN 51562-1

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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 120 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.