



SPECIAL GREASES

ADDINOL ECOSYNTH FLANGE GREASE G

PRODUCT DESCRIPTION

ADDINOL Ecosynth Flange Grease G is a graphitic, very soft grease based on a synthetic ester as well as special calcium soap as thickener.

Temperature range from -30 °C up to +80 °C.

APPLICATION

- Excellent suitability for lubricating of the contact surfaces of wheel flange/rail flank of all kind of vehicles
- Applicable for lubricating of sliding surfaces at switches, couplers and draw gears

PLEASE NOTE

Due to its quick biodegradability, the product has to be stored airtight and closed.

CHARACTERISTICS

- Resistance against water
- Flowing
- Very well biodegradable

- Graphite as solid particle lubricant
- Prevents squeaking caused by friction

APPROVALS / SPECIFICATIONS

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

According to DIN 51502:

- MFE000E-30

According to ISO 6743:

- ISO-L-X CAEA000

In compliance with NLGI class 000.

BIODEGRADATION

- > 90% after 21 days acc. to test OECD 301 B

DELIVERY

Delivery preferable in large packaging.

ADVANTAGES AND BENEFITS

- Very good feed ability by central lubrication devices
- Very good feed ability
- 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
Structure			pasty	
Thickener			calcium soap/graphite	
NLGI class			000	DIN 51818
According to DIN			MFE000E-30	DIN 51502
According to ISO			ISO-L-X CAEA000	ISO 6743
Temperature range		°C	-30 up to +80	
Density	at 20°C	kg/m ³	940	DIN 51757
Drop point		°C	> 140	DIN ISO 2176
Water resistance			0-40	DIN 51807
Worked penetration	0.1 mm		460-480	DIN ISO 2137

Base oil

Type			synthetic ester	
Viscosity	at 40°C	mm ² /s	25	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.