



SPECIAL GREASES

ADDINOL GRANULE GREASE HT 2

PRODUCT DESCRIPTION

ADDINOL Granule Grease HT 2 is a special grease based on a high viscosity and temperature stable mineral oil as well as a lithium complex soap.

Temperature range from -15 °C up to +160 °C, at constant re-lubrication up to +220°C.

APPLICATION

- Excellent suitability for the long term lubrication of high and shock loaded sliding and roller bearings at increased bearing temperatures
- Particularly usable for bearings in all types of pellet machines

PLEASE NOTE

Please follow the manufacturer manual concerning re-lubrication amount and intervals. Refer to the manual of the pellet press for standard values of the grease amount for roller bearings.

CHARACTERISTICS

- Extreme shear stable
- High oxidation resistance
- Excellent thermal resistance
- Very good corrosion and wear protection
- Good adhesion
- High base oil viscosity
- Outstanding water resistance

SPECIFICATIONS/APPROVALS

According to DIN 51502:

- KP1-2P-10

According to ISO 6743:

- ISO-L-X ADEB 1-2

In compliance with NLGI class 1-2.

DELIVERY

Delivery preferable in drums and 15 kg bucket.

ADVANTAGES AND BENEFITS

- Stable structure and pliancy also under highest loads
- Excellent suitability for long-term lubrication
- Usable up to +220°C at constant re-lubrication
- Effective EP additivation guarantees a long bearing lifetime and operating time
- No dripping or throwing off of the grease
- Extreme load carrying capacity
- Application also at a direct impact of process water





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SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test conditions / unit		Granule Grease HT 2	Method acc. to
Colour			ecru	visual
Structure			pasty	
Thickener			Lithium complex	
NLGI class			1-2	DIN 51818
According to DIN			KP1-2P-10	DIN 51502
According to ISO			ISO-L-X ADEB 1-2	ISO 6743
Temperature range		°C	-15 up to +160 , at constant re-lubrication up to +220	
Worked penetration	0.1 mm		280 - 310	DIN ISO 2137
Drop point		°C	250	DIN ISO 2176
Speed factor	n · d _m	min ⁻¹ ·mm	300,000	
Behaviour against water	at 90°C		1	DIN 51807
Level of copper corrosion	at 150°C	corr.level	1	DIN 51811
Level of corrosion acc. to Emcor		corr.level	0	DIN 51802
Timken test (ok load)		N	200	DIN 51434-3
mechanic dynamic test lubricating grease service life	at 150°C	h	F ₅₀ > 100	DIN 51821-02-A/1500/6000-150

Base oil

Type			mineral oil	
Viscosity	at 40°C	mm ² /s	approx. 500	DIN 51562-1

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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.