



SPECIAL GREASES

ADDINOL FG GREASE AL 00, 1, 2

PRODUCT DESCRIPTION

Greases from the ADDINOL FG Grease AL range are white coloured aluminium complex soap greases based on synthetic base oils (PAO) and containing both EP additives and white solid lubricants as well. These special greases are odourless, tasteless, physiologically harmless and fulfill the FDA purity requirements of guideline 21 CFR 178.3570. They are suitable for use in areas of the food processing industry where an incidental contact of lubricant and food cannot be excluded.

Service temperature: -45°C up to +160°C.

APPLICATION

- Suitable for lubrication of roller and plain bearings in food processing, animal feed processing and packaging industries.
- Applicable in a wide temperature range, under high loads and under influence of water.

PLEASE NOTE

Please consider the lubrication instructions of the original machine manufacturer.

SPECIFICATIONS/APPROVALS

- NSF H1 registration
- Kosher
- Halal

Meets the requirements of:

- FDA guideline 21 CFR 178.3570

Tagging according to DIN 51502:

- FG Grease AL 00: GPFHC 00 P-40
- FG Grease AL 1: KPFHC 1 P-40
- FG Grease AL 2: KPFHC 2 P-40

In compliance with NLGI grade:

- 00 for FG Grease AL 00
- 1 for FG Grease AL 1
- 2 for FG Grease AL 2

DELIVERY

Delivery preferably in 1kg cans and 25kg hobbocks.

FG Grease AL 00: Delivery also in 10kg hobbocks.

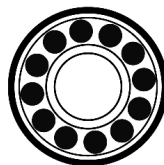
FG Grease AL 2: Delivery also in 400g cartridges, 50kg hobbocks and 180kg drums.

CHARACTERISTICS

- Neutral in smell and taste
- Good oxidation stability
- Excellent water resistance
- Resistant against alkaline and acidic disinfectants
- Fulfill the purity guideline 21 CFR 178.3570
- Wide service temperature range

ADVANTAGES AND BENEFITS

- Application in food and feed industry
- High stability against ageing
- Direct contact with hot water or steam possible
- No additional relubrication after disinfection
- Ingredients are physiologically harmless
- Versatile applications in industrial sector





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SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test condition / unit		FG Grease AL 00	FG Grease AL 1	FG Grease AL 2	Method acc. to
NSF registration number			157942	157929	142558	
Colour			white			visual
Thickener			Aluminium complex soap			
Solid lubricant			white solid lubricants			
DIN tagging			GPFHC 00 P-40	KPFHC 1 P-40	KPFHC 2 P-40	DIN 51502
NLGI grade			00	1	2	DIN 51818
Worked penetration	60 DS	0,1mm	400 - 430	310 - 340	265 - 295	DIN ISO 2137
Service temperature		°C	-45 up to +160			
Drop point		°C	> 250			DIN ISO 2176
Water resistance	90°C		0-90			DIN 51807
Steel corrosion (EMCOR)		corr. level	0-0			DIN 51802
VKA welding load		N	< 2000	2600	2600	DIN 51350
Particle seize of solid lubricant		µm	< 20			

Base oil

Type			PAO			
Viscosity	40°C	mm ² /s	350			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.