



SPECIAL GREASES

ADDINOL MULTIPLEX FD 2

PRODUCT DESCRIPTION

ADDINOL Multiplex FD 2 is a light-coloured aluminium complex soap grease based on medical white oil.

This special grease is odorless, tasteless, physiologically harmless and fulfill the FDA purity requirements of guideline 21 CFR 178.3570. It is suitable for use in areas of the food processing industry where an incidental contact of lubricant and food cannot be excluded.

Service temperature: -20°C up to +140°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 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:

- K 2 N-20

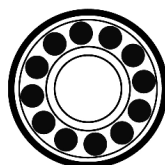
In compliance with NLGI grade 2.

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		Multiplex FD 2	Method acc. to
NSF registration number			138 176	
Colour			light-coloured	visual
Thickener			Aluminium complex soap	
DIN tagging			K 2 N-20	DIN 51502
NLGI grade			2	DIN 51818
Worked penetration	60 DS	0,1mm	265 - 295	DIN ISO 2137
Service temperature		°C	-20 up to +140	
Drop point		°C	> 250	DIN ISO 2176
Water resistance	3h, 90°C		0-90	DIN 51807
Steel corrosion (EMCOR)		corr. level	0-1	DIN 51802
VKA welding load		N	2000	DIN 51350

Base oil

Type			Medical white oil	
Viscosity	40°C	mm ² /s	160	DIN 51562-1
	100°C	mm ² /s	9	

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.