



SPECIAL GREASES

ADDISIL FG 3

PRODUCT DESCRIPTION

ADDINOL Addisil FG 3 is a synthetic grease based on silicone oil and PTFE for thickening. This product has a high thermal and chemical resistance and is especially suited for lubrication of valves and fittings. It is suitable for long-term lubrication, even at high temperatures and under aggressive environmental conditions.

This special grease is odorless, tasteless, physiologically harmless and fulfils the FDA purity requirements according to 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: -40 °C up to +180 °C.

APPLICATION

- Excellent suited for lubrication and sealing of fittings, plug taps, seals, gaskets and membranes in brewery, beverage and pharmaceutical industry.
- Especially suited for lubrication of rotary distributors and run-in fittings of filling machines in beverage industry.
- Neutral towards beer froth stability and taste of beer.
- Resistant to cold and hot water, steam and disinfectants.
- Excellent plastic and elastomer compatibility, including EPDM, PC, NBR and FPM seals.

CHARACTERISTICS

- Wide application temperature range
- Neutral in smell and taste
- High ageing resistance
- Resistant against disinfectants
- Compatible with elastomers and plastics

SPECIFICATIONS/APPROVALS

- NSF H1 Registration

Tagging according to DIN 51502:

- MSI3R-40

Consistency in compliance with NLGI grade 3.

DELIVERY

Delivery preferable in 1 kg cans and 400 g cartridges.

ADVANTAGES AND BENEFITS

- Resistant to cold and hot water
- Suited for application in food processing industry
- Long operating time of the lubricant
- No re-lubrication after disinfection
- Troublefree application in contact with sealing materials





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SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test condition / unit		Addisil FG 3	Method acc. to
NSF registration number			169476	NSF H1
Colour			White	Visual
Thickener			PTFE	
According to DIN			MSI3R-40	DIN 51502
NLGI grade			3	DIN 51818
Worked penetration	60 DS	0.1 mm	220-250	DIN ISO 2137
Service temperature			-40 up to +180	
Drop point			> 300	DIN ISO 2176
Water resistance	3h, 90 °C	Rating	0-90	DIN 51807

Base oil

Type			Silicone oil	
Viscosity	40 °C	mm ² /s	750	DIN 53019

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 worldwide 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.