SPECIAL GREASES

ADDIFLON PFPE PREMIUM FD 2 PLUS

PRODUCT DESCRIPTION

ADDIFLON PFPE Premium FD 2 Plus is a fully synthetic grease made from perfluoropolyether oil (PFPE), polytetrafluoroethylene (PTFE) and a special anti-corrosion additive. The product has a very high thermal and chemical resistance. It is particularly suitable for long-term lubrication at high temperatures, even under aggressive environmental conditions.
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: -30°C up to +285°C.

APPLICATION

- Excellent suited for lubrication of thermal highly loaded sliding and roller bearings in cosmetic, pharmaceutical and food processing industries.
- Typical applications: In baking machines, kiln cars, calenders, guide rollers of transport chains, etc.
- Very good compatibility with most elastomers, plastics and metals.

SPECIFICATIONS

- **NSF H1 Registration**

All ingredients are physiologically harmless.

Tagging according to DIN 51502:

- **KFK2U-30**

In compliance with NLGI grade 2.

DELIVERY

Delivery of ADDIFLON PFPE Premium FD 2 Plus in 1kg cans and 800g cartridges.

NOTE

Do not mix with other greases!
Before first application, clean and degrease the lubrication points.

CHARACTERISTICS

- Stability against thermal and chemical decomposition
- Resistant against solvents and concentrated acids and bases
- Reduction of friction and wear
- Neutral in smell and taste

ADVANTAGES AND BENEFITS

- **Long service life, even at high temperatures and in contact with aggressive media**
- **Suitable in wide sectors of the industry**
- **Long lifetime of the friction pairings**
- **Applicable in cosmetic, pharmaceutical and food processing industries**

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ADDIFLON PFPE PREMIUM FD 2 PLUS

SPECIFICATIONS AND TYPICAL PARAMETERS

Feature	Test condition / unit		PFPE Premium FD 2 Plus	Method acc. to
NSF registration number			157876	NSF H1
Colour			white	visual
Thickener			PTFE	
DIN tagging			KFK2U - 30	DIN 51502
NLGI grade			2	DIN 51818
Worked penetration	60 DS	0.1 mm	265 - 295	DIN ISO 2137
Service temperature		°C	-30 up to +285	
Drop point		°C	without	DIN ISO 2176
Density	20°C	g/cm³	1.93	ASTM D-1298
Steel corrosion (EMCOR)		corr.level	0	DIN 51802
Copper corrosion	3h, 100°C	corr.level	1-100	ASTM D-4048
VKA welding load		N	≥ 7000	DIN 51350-4

Base oil

Type			Perfluoropolyether (PFPE)	
Viscosity	40°C	mm²/s	500	ASTM D-445
	100°C	mm²/s	46	
Evaporation loss	204°C	%	< 1	ASTM D-972

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.

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