

Interflon Food Grease 1

Multi-purpose food grade grease

Product description

High performance multipurpose grease with MicPol® Technology. Suitable for the (automatic) lubrication of machinery at slow to medium speed, used in wet environments as seen in the food, beverage or pharmaceutical industry.

For providing outstanding, long-life protection against corrosion, oxidation and wear. Highly resistant to water for providing functionality where extended grease life is required or process water rules out the use of conventional lubricants.

Interflon Food Grease 1 is listed by the NSF for the use in applications with incidental food contact (NSF-H1) with registration number [122684](#).

Application

For a variety of (central lubrication system) applications including the lubrication of slow to moderate speed bearings, guides, joints, spindles, shafts, slide ways and open gears. May be used in progressive automatic lubrication systems with tubing having an internal diameter of > 1 mm. Particularly suitable for the use in clean room and HACCP certified environments, especially where raw, fresh foods and beverages receive less than stringent sterilizing preparation.

Advantages

- Suitable for many applications
- Excellent adhesive properties and protection against corrosion
- Resistant to water, steam and pollution
- Suitable for all automatic lubrication systems

Instructions for use

For best results, parts should be cleaned or purged of the previous lubricant prior to use. May be applied either manually or by automatic greasing systems designed to pump an NLGI 1 grease.

Safety regulations

See safety data sheet.

Packaging

See our current article list.

Transport regulations

See safety data sheet.

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Technical data

Property	Result	Method
Composition	Mixture of mineral oil, thickener, additives and MicPol®.	
Colour	White	
Odour	Oily	
Density @ 20°C	0,95 g/cm ³	
Dynamic viscosity @ 20°C	270 Pas	ASTM D2983
NLGI grade	1	ASTM D217
Penetration worked 60 strokes	325	ASTM D217
Penetration worked 100.000 strokes	340	ASTM D217
Roll stability	+ 13 mm	DIN 51804
Dropping point	None	DIN 51801
Base oil viscosity @ 40°C	400 cSt	ASTM D445
SKF Emcor distilled water	1-1	DIN 51802
Copper corrosion	1b	ASTM D4048
Water washout	1.5%	ASTM D1264
Water resistance	1-90	DIN 51807
Dn-factor	250.000	
Lowest application temperature	-20°C	
Highest application temperature	150°C	
Grease code	KPF1N-20	DIN 51825
Shelf life*	4 years	

* Shelf life of the product when stored at room temperature in the original and unopened packaging.

Typical properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture. The information contained herein is subject to change without notice.

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