

Technical Data Sheet

Interflon Food Grease 1

Multi-purpose food grade grease

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.

Applications

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.

Property	Result	Method
Composition	Mixture of mineral oils, thickener, additives and MicPol®.	
Colour	White	
Density 20°C	0.94 g/cm ³	
Lowest application temperature	-20°C	
Highest application temperature	150°C	
Manufacturing date	The batch number consists of a 8-digit number. The first 4 numbers represent the YY/MM of the manufacturing.	
Shelf life*	4 years	
Base oil viscosity 40°C	400 cSt	ASTM D445
Copper corrosion	1b	ASTM D4048
Dn factor	250000	
Dropping point	None	DIN 51801
Grease code	KPF1N-20	DIN 51825
NLGI grade	1	ASTM D217
SKF Emcor distilled water	1-1	DIN 51802
Water resistance	1-90	DIN 51807
Water washout	1.5%	ASTM D4049
NSF registration number	122684	
NSF	H1	
ISO 21469	Yes	
Halal	Yes	
Kosher	Yes	
Thickener	Aluminium complex	

* Shelf life of the product in original and unopened packaging. Storage temperatures <0°C need to be avoided to guarantee product quality.

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