

Technical Data Sheet

Interflon Fluor Grease 2

Chemical inert fluorinated grease with extended service life

Interflon Fluor Grease 2 offers a unique combination of exceptionally high- and low temperature performance, chemical inertness and high load carrying capacity. Functionality from -30°C up to +270°C with virtually no oil bleed. Significantly reduces wear to increase service life of critical components that operate under extreme circumstances or are difficult to re-lubricate and therefore need long life lubrication.

Interflon Fluor Grease 2 allows you to safely extend service intervals; to reduce costly maintenance, lubricant consumption, energy usage and component failure whilst improving machine productivity in virtually every environment. Resists harsh environments i.e. process water, steam, gasses, solvents, bases and acids and other chemical agents.

Interflon Fluor Grease 2 is listed by the NSF for the use in applications with incidental food contact.

Applications

Critical environmental and foodstuffs applications of bearings, chains, slides and other components used in industrial environments at extreme temperatures. Also where process water, steam, gas, hydro-carbons, metal working fluids, acids, bases and other chemical substances rule out the use of conventional greases. Applications include the lubrication of steel, aluminum, copper and various alloys, ceramics, polymers and elastomer materials. Also suitable for fittings that come into contact with oxygen.

Advantages

- ⊕ Low coefficients of static and dynamic friction
- ⊕ Exceptional low oil bleed and less wear
- ⊕ Chemical inertness
- ⊕ High load carrying capacity
- ⊕ Approved for use in fittings for oxygen gas to 60°C and a pressure of 30 bar (BAM Merkblatt M034-I)
- ⊕ No stick-slip action even after long periods of inactivity
- ⊕ Good metal adhesion, the grease does not run out of the greasing point.
- ⊕ Low grease outgassing
- ⊕ Can be applied on elastomers

Instructions for use

For best results, parts should be cleaned or purged of the previous lubricant prior to use.

Property	Result	Method
Composition	Mixture of synthetic oils, thickener, additives and MicPol®.	
Colour	White	
Density 20°C	2 g/cm ³	
Lowest application temperature	-30°C	
Highest application temperature	270°C	
Shelf life*	4 years	
4-ball weld load	700 kg	ASTM D2596
Base oil viscosity 40°C	550 cSt	ASTM D445
Dn factor	250000	
Dropping point	None	DIN 51801
Grease code	KPF FK2U-30	DIN 51825
Maximum oxygen pressure 60°C	30 bar	DIN ISO 21010:2004-07
NLGI grade	3	ASTM D217
NSF registration number	138255	
NSF	H1	
Halal	Yes	
Kosher	Yes	
Thickener	Polymer	

* 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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