

## Technical Data Sheet

# Interflon Grease LS1/2

### Extreme pressure grease with exceptional water resistance

Engineered to increase service life of bearings, guides, sliding surfaces, joints, open gears and other slow to moderately moving machine parts that operate under adverse conditions of extreme loads and low temperatures in high (sea) water wash areas in heavy industry, cold and outdoor environments.

Long-threaded, with extreme pressure characteristics standing up against very high impact (shock) loads. Suitable for the use in central lubrication system. The innovative thickener technology, together with MicPol® Technology provides exceptionally long lasting protection against friction with outstanding emergency-run characteristics.

### Applications

Excellent choice for the use in transshipment, offshore, mining and steel works as well as for cranes, agricultural and construction machines.

### Advantages

- ⊕ Suitable for high loads
- ⊕ Excellent resistance to (salt)water and moisture
- ⊕ Long equipment life and low consumption
- ⊕ Specially for vibrating and/or jerky movements
- ⊕ Very strong adhesion
- ⊕ Excellent sealing properties
- ⊕ Easy to pump, even at low temperatures
- ⊕ Excellent lubrication because of MicPol® Technology
- ⊕ PFAS free

### 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 mineral oils, thickener, additives and MicPol®.	
Colour	Yellowish brown	
Density 20°C	0.93 g/cm <sup>3</sup>	
Lowest application temperature	-20°C	
Highest application temperature	120°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	
4-ball weld load	700 kg	ASTM D2596
Base oil viscosity 40°C	550 cSt	ASTM D445
Copper corrosion	1a	ASTM D4048
Dn factor	120000	
Dropping point	>180°C	DIN 51801
Grease code	KPF1/2K-20	DIN 51825
Lowest pumpability temperature	-15°C	
NLGI grade	1.5	ASTM D217
SKF Emcor distilled water	0-0	DIN 51802
Water resistance	1-90	DIN 51807
Water washout	7%	ASTM D4049
Thickener	Lithium-Calcium complex	

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

*This information is based on our best and present knowledge and intended to provide general notes about the product and intended use. Therefore it shouldn't be construed as guaranteeing properties of the product described or suitability for an application. Any existing industrial property rights must be observed. Quality of our products is guaranteed under our General Conditions of Sale. Interflon® and MicPol® are registered trademarks of Interflon BV. Typical properties mentioned in this document are based on our production tolerances and do not represent a specification. Variations that do not affect product performance are to be expected during normal manufacturing. Information provided in this document is subject to change without notice in advance.*