

Technical Data Sheet

Interflon Grease MP00

Semi-fluid grease for industrial gearboxes

Semi-fluid EP grease designed to lubricate industrial gearboxes and machine parts with automatic grease and oil delivery systems. With the fluidity to flow like oil while having more “body” at operating temperature to provide considerably less friction. Resists leaking through worn seals often found in older gearboxes. Reduces power consumption in gearboxes and safely allows extending oil change intervals. Formulated with MicPol® Technology, which forms a durable lubrication film capable of reducing friction and wear much better than conventional oils and greases.

Interflon Grease MP00 is listed by the NSF for use on equipment and machine parts in the food industry in locations where there is no possibility of the lubricant or lubricated part contacting edible products.

Applications

Applications include the lubrication of industrial gearboxes running at slow to moderately speed and machine parts such as bearings, chains and slides with automatic grease and oil delivery systems.

Advantages

- ⦿ Excellent, long-lasting reduction of friction and wear
- ⦿ Reduces oil temperature and power consumption
- ⦿ Much longer lubricant life
- ⦿ Reduced gearbox leakage
- ⦿ Outstanding shear stability
- ⦿ High level of rust and corrosion protection

Instructions for use

For best results, parts should be cleaned or purged of the previous lubricant prior to use. When used in central lubrication systems remove any filters. Drain the old oil from the gearbox as prescribed by the manufacturer. For application in gearboxes please consult your Technical Advisor for the correct filling level.

Property	Result	Method
Composition	Mixture of mineral oils, thickener, additives and MicPol®.	
Colour	Yellowish brown	
Density 20°C	0.90 g/cm ³	
Lowest application temperature	-25 (for applications in gearboxes: 0°C)	
Highest application temperature	145°C	
Shelf life*	4 years	
4-ball weld load	3800 N	DIN 51350-4
Base oil viscosity 40°C	105 cSt	ASTM D445
Copper corrosion	1b	ASTM D4048
Dn factor	320000	
Dropping point	>200°C	DIN 51801
Grease code	KPF00N-20	DIN 51825
NLGI grade	00	ASTM D217
NSF registration number	143966	
NSF	H2	
Thickener	Lithium 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.