

LUKOIL FTORFLEX FG 2-500

High-temperature food grade grease

PRODUCT DESCRIPTION

LUKOIL FTORFLEX FG 2-500 is a PTFE (polytetrafluoroethylene) -thickened lubricating grease based on PFPE (perfluoropolyether) oil. The grease contains a high polarity anti-corrosion additive.

The combination of PTFE and PFPE provides resistance to high contact pressure, low friction and wear, as well as protecting against oxidation while allowing extended lubrication intervals and a prolonged equipment life.

The product is chemically inert, non-flammable, non-toxic and remains unaffected by water and steam, preventing lubricant washout.

LUKOIL FTORFLEX FG 2-500 is well adapted for the lubrication of bearings and articulations submitted to high temperatures as in corrugator service, ovens, drying and stabilization tunnels. Typical applications include preconditioner rolls, single facers, and double backers.

LUKOIL FTORFLEX FG 2-500 is registered under No. 155322 at NSF according to H1 regulations for lubricants with incidental food contact.



Nonfood compounds
 Program listed H1
 Registration № 155322



<p>ADVANTAGES:</p> <ul style="list-style-type: none"> • Non-reactive, non-toxic, non-flammable • Low friction and wear, high EP • Excellent at very high temperatures 	<p>COMPOSITION:</p> <ul style="list-style-type: none"> • Synthetic base oil (PFPE) • Thickener: polytetrafluoroethylene (PTFE) • Package of special additives
<p>APPLICATION IN UNITS:</p> <ul style="list-style-type: none"> • Rolling and sliding bearings • For moving parts of machinery and equipment operating in food, pharmaceutical, and other clean environments where incidental food contact is possible 	<p>APPLICATION EXAMPLES:</p> <ul style="list-style-type: none"> • Bearings operating at high temperatures such as waffle ovens • Bearings for glue rollers in labeling machines • Corrugating bearings

LUKOIL FTORFLEX FG 2-500. Edition 04/18 replaces edition 01/18

This product is manufactured according to STO 65561488-073-2016

LUKOIL® FTORFLEX FG 2-500

TYPICAL PROPERTIES

Standart	Property	Unit	Value
	Thickener		PTFE
	Base oil		PFPE
	Texture		Smooth
	Colour		White
ASTM D1298	Density at 20 °C	g/sm ³	1,96
	Service temperature range	°C	-30°C to +300
DIN 51818	NLGI Grade		2
ISO 2137	Worked penetration (mixed, 60 double strokes)	mm/10	265-295
DIN 51562	Base oil viscosity at 40 °C	mm ² /s	500
DIN 51802	Corrosion degree (rolling bearings, distilled water)		0-0
BAM	Oxygen impact (60 °C)	bar	150
ASTM D2596	Weld load (4-ball machine test) at 25°C	N	>5000

*DIN: Deutsche Industrie Norm.

ISO: International Standardization Organization.

ASTM: American Society for Testing and Materials.

HOW TO USE

This grease can be applied manually with brush or spatula, as well as through individual lubrication systems.

USABLE LIFE AND STORAGE

When stored in the original unopened containers in a dry place, this product has a shelf life of at least 36 months from the date of production.

HANDLING PRECAUTIONS

This product doesn't contain any toxic ingredients. During storage, transportation and application of this product, the safety rules for handling mineral lubricating materials and the environment protection regulations must be observed.

For further information on how to use LUKOIL® products, please refer to the product MSDS.

TECHNICAL SUPPORT

For correct selection of lubricating materials to meet your needs, for more detailed information on the products, as well as if you have any other questions, we recommend you to contact our technical support service specialists by e-mail: grease.support@lukoil.com

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Product technical properties are typical and can vary in strong limits.

Due to research and development of science and technology technical properties of product indicated in this Technical Data Sheet can be changed without notification.