

# LUKOIL FTORSEAL FG 3-700

Food grade grease for seals of EPDM

## PRODUCT DESCRIPTION

LUKOIL FTORSEAL FG 3-700 - special inert grease made of high viscosity silicone oil, PTFE thickener and complex anti-oxidation and anti-corrosion additives.

LUKOIL FTORSEAL FG 3-700 has excellent resistance to high temperatures, cold and hot water, steam. Compatible with all commonly used plastics, metals, elastomers, seals and gaskets expert for those containing silicones. Grease can also be used for very low-load rolling bearings used in the beverage industry.

LUKOIL FTORSEAL FG 3-700 is registered under No. 155324 at NSF according to H1 regulations for lubricants with incidental food contact.



Nonfood compounds  
 Program listed H1  
 Registration № 155324



<p><b>ADVANTAGES:</b></p> <ul style="list-style-type: none"> <li>• Chemically inert grease</li> <li>• Compatibility with EPDM</li> <li>• Resistance to hot and cold water, steam and aggressive media</li> </ul>	<p><b>COMPOSITION:</b></p> <ul style="list-style-type: none"> <li>• Silicone base oil</li> <li>• Thickener: polytetrafluoroethylene (PTFE)</li> <li>• Package of special additives</li> </ul>
<p><b>APPLICATION IN UNITS:</b></p> <ul style="list-style-type: none"> <li>• Valve, o-ring seals</li> <li>• Glass tools</li> <li>• Discongruence bearings</li> <li>• Details of machinery and equipment in the food and pharmaceutical industries which require the use of lubricants with food grade H1</li> </ul>	<p><b>APPLICATION EXAMPLES:</b></p> <ul style="list-style-type: none"> <li>• Valve filling lines</li> <li>• Water pumps</li> <li>• Bearing lines</li> </ul>

LUKOIL FTORSEAL FG 3-700. Edition 04/18 replaces edition 01/18

This product is manufactured according to **STO 65561488-082-2016**

## **LUKOIL FTORSEAL FG 3-700**

### **TYPICAL PROPERTIES**

Standart	Property	Unit	Value
	Thickener		PTFE
	Base oil		Silicone
	Texture		Smooth
	Colour		White
ASTM D1298	Density	g/sm <sup>3</sup>	1,2
	Temperature range	°C	-45°C to +180°C
ASTM D 217 mod	NLGI Grade		3
ISO 2137	Penetration 60 strokes	mm/10	220-250
ASTM D 7152	Base oil viscosity at 40 °C	mm <sup>2</sup> /s	1000
ASTM D 566	Drop point	°C	>300

### **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](mailto: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.