

LUKOIL AQUAFLEX FG 2-500

Special water-resistant food grade grease

DESCRIPTION

LUKOIL® AQUAFLEX FG 2-500 is a calcium sulphonate complex thickened lubricating grease based on white oil. The grease contains antioxidants and corrosion inhibitors. The product does not contain conventional EP and AW-additives since the properties of the thickener provide resistance to extreme loads.

LUKOIL® AQUAFLEX FG 2-500 lubricant has high tribological characteristics, is capable of operating in a wide temperature range (from -25 ° C to +140 ° C, up to 150 ° C for a short time), in conditions of high humidity, dusty environment and in contact with water and steam. The composition of the lubricant ensures high stability of the structure during storage and operation.

LUKOIL® AQUAFLEX FG 2-500 is registered in NSF according to H1 regulations for lubricants with incidental food contact.



<p>ADVANTAGES:</p> <ul style="list-style-type: none"> • Resistance to extreme loads • Excellent high temperature characteristics • Resistance to acid and alkali solutions • Great anticorrosive and antioxidant properties • Excellent water resistance (resistance to steam and hot water) 	<p>COMPOSITION:</p> <ul style="list-style-type: none"> • White oil • Calcium sulfonate complex • Package of special additives
<p>APPLICATION IN UNITS:</p> <ul style="list-style-type: none"> • Rolling and sliding bearings • Details of machinery and equipment in the food and pharmaceutical industry, especially friction units in which technically unavoidable contact of the lubricant with food or packaging is allowed 	<p>APPLICATION EXAMPLES:</p> <ul style="list-style-type: none"> • Bearings of press granulators for the production of animal feed • Filling lines • Conveyor systems of meat processing plants • Bearings of bakery industry equipment • Centralized lubrication systems, if NLGI 2 grease recommended by OEM

LUKOIL® AQUAFLEX FG 2-500. Edition 12/21 replaces edition 04/18

This product is manufactured according to **STO 65561488-072-2016**

LUKOIL® AQUAFLEX FG 2-500 TYPICAL PROPERTIES

Standard	Property	Unit	Value
	Colour		Light Brown
	NSF registration number		155321
IP 530	Density	g/cm ³	1.02
	Service temperature range	°C	-20 to +140 (max +150)
ASTM D 217	NLGI grade		2
ISO 2137	Worked penetration (60 strokes)	mm/10	265–295
ASTM D7152	Base oil viscosity @ 40 °C	mm ² /s	500
ASTM D7152	Base oil viscosity @ 100 °C	mm ² /s	40.5
IP 396	Dropping point	°C	>300
DIN 51350-4	Four Ball Weld Load @ 25 °C	N kg	7350 750
DIN 51350-5	Four Ball Wear Scar Diameter	mm	0.5
DIN 51807-2	Water resistance	grade	1
ISO 11007	SKF-Encor test	degree	0-0

HOW TO USE

This grease can be applied manually with a brush or spatula, as well as through centralized lubrication system.

USABLE LIFE AND STORAGE

The guaranteed shelf life is 36 months from the date of manufacture in the manufacturer's container, subject to the conditions of transportation and storage.

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.