

LUKOIL AQUAFLEX FG 2-500

Water food grade grease

PRODUCT DESCRIPTION

LUKOIL AQUAFLEX FG 2-500 is a calcium sulphonate complex thickened lubricating grease based on pharmaceutical grade white oil. The grease contains antioxidants and corrosion inhibitors. The product does not contain conventional EP and AW-additives since they are built in as an integral part of the soap structure.

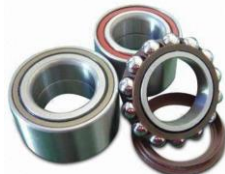
The functional soap gives the product excellent load carrying capacity making it suitable for heavy loaded applications. The grease also has superb mechanical stability, good corrosion protection and excellent water resistance.

LUKOIL AQUAFLEX FG 2-500 is a modern high performance product suitable for food industries where grease may have incidental contacts with food stuff. It is recommended for heavy loaded applications with low to medium speed bearings, such as pellet presses and compactors used to process pet food and animal feed.

LUKOIL AQUAFLEX FG 2-500 is registered under No.155321 at NSF according to H1 regulations for lubricants with incidental food contact.



Nonfood compounds
 Program listed H1
 Registration N° 155321



<p>ADVANTAGES:</p> <ul style="list-style-type: none"> • Resistance to high loads • Excellent anti-oxidation and corrosion protection • Excellent water resistance 	<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 industries which require the use of lubricants with food grade H1 	<p>APPLICATION EXAMPLES:</p> <ul style="list-style-type: none"> • Pellet Presses and Compactors - Animal Feed • Centralized lubrication systems, if NLGI 2 grease recommended by OEM

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

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

LUKOIL AQUAFLEX FG 2-500

TYPICAL PROPERTIES

Standart	Property	Unit	Value
	Thickener		Calcium sulfonate complex
	Base oil		White mineral oil
	Texture		Smooth
	Colour		Light Brown
IP 530	Density	g/sm ³	1,00
	Temperature range	°C	-25°C to +140°C (max +150°C)
ASTM D 217	NLGI Grade		2
ISO 2137	Penetration 60 strokes	mm/10	265-295
ASTM D7152	Base oil viscosity at 40 °C	mm ² /s	500
ASTM D7152	Base oil viscosity at 100 °C	mm ² /s	40,5
IP 396	Dropping point	°C	>300
DIN 51350-5	4-ball wear scar	mm	0,52
DIN 51350-4	4-ball weld load	N	7500
ASTM D 1264	Water wash out at 79°C	%	0
ISO 1107	SKF-Empcor test	degree	0-0

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

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

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.