

LUKOIL ALUFLEX FG 1-40

Low temperature food grade grease

PRODUCT DESCRIPTION

LUKOIL ALUFLEX FG 1-40 - multipurpose grease based on aluminum complex soap, synthetic oils and complex anti-oxidation and anti-corrosion additives.

LUKOIL ALUFLEX FG 1-40 is a modern high performance product suitable for food industries where grease may have incidental contacts with food stuff. It is suitable for operating in wide temperature range especially at extremely low temperature, in wet conditions and contact with water. Also can be used at high speed bearings. Grease formulation provides high structure stability at storage and handling.

LUKOIL ALUFLEX FG 1-40 is registered under No. 155323 at NSF according to H1 regulations for lubricants with incidental food contact.



Nonfood compounds
Program listed H1
Registration N° 155323



<p><u>ADVANTAGES:</u></p> <ul style="list-style-type: none"> • Good corrosion protection • Excellent low-temperature • Excellent high speed characteristics 	<p><u>COMPOSITION:</u></p> <ul style="list-style-type: none"> • Synthetic base oil • Aluminum complex • Package of special additives
<p><u>APPLICATION IN UNITS:</u></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><u>APPLICATION EXAMPLES:</u></p> <ul style="list-style-type: none"> • Bearings in freezers conveyors • Bearings of meat-processing equipment such as cutters and vacuum injectors • Dispensers, feeders for confectionery production • Centralized lubrication systems, if NLGI 1 grease recommended by OEM

LUKOIL ALUFLEX FG 1-40. Edition 04/18 replaces edition 01/18

This product is manufactured according to **STO 65561488-071-2016**

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TYPICAL PROPERTIES

Standart	Property	Unit	Value
	Thickener		Al-complex
	Base oil		Syntetic oil
	Texture		Smooth
	Colour		White
	Temperature range	°C	-50°C to +120°C
ASTM D 217	NLGI Grade		1
ISO 2137	Penetration 60 strokes	mm/10	310-340
ASTM D7152	Base oil viscosity at 40 °C	mm ² /s	42
ASTM D7152	Base oil viscosity at 100 °C	mm ² /s	7
IP 396	Dropping point	°C	>240
DIN 51350-5	4-ball wear scar	mm	0,85
IP 121	Oil sepration 40°C/168h	%	<0,2
IP 530	Density	g/sm ²	0,833

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.