

LUKOIL UNIFLEX 1-150; 2-150; 3-150

Multipurpose anhydrous calcium greases

DESCRIPTION

The LUKOIL® UNIFLEX 150 series are multipurpose antifriction greases for sliding and rolling bearings, gears and other friction units in automotive, agricultural, industrial equipment. The greases are based on high-quality mineral oil blend thickened with anhydrous calcium soap and additive package.

The LUKOIL® UNIFLEX 150 greases can operate under light and medium loads, in conditions of high humidity, within a temperature range from –30 °C up to +120 °C. Can be used as conservation greases.

The LUKOIL® UNIFLEX 150 greases are formulated to provide effective lubrication, good structure stability during storage and use. NLGI grade 1, 2, 3 grades are available.



<p>ADVANTAGES:</p> <ul style="list-style-type: none"> • Universal application • Excellent water resistance • High anti-wear properties • Good pumping ability (NLGI 1, 2) 	<p>COMPOSITION:</p> <ul style="list-style-type: none"> • Mineral oil • Special anhydrous calcium soap • Additive package: anti-oxidation, anti-corrosion additives
<p>APPLICATION IN UNITS:</p> <ul style="list-style-type: none"> • Rolling and sliding bearings • Splined joints, studs, pivots, pins, axes • Centralized lubrication systems (NLGI grades 1, 2) 	<p>APPLICATION EXAMPLES:</p> <ul style="list-style-type: none"> • Bearings of the industrial equipment, passenger cars, agricultural machinery • Centralized lubrication systems in trucks, agricultural machinery, off-road vehicles, lumbering and construction machinery (NLGI 1, 2) • Replace LITOL-24, Fatty cup greases

LUKOIL® UNIFLEX 1-150; 2-150; 3-150. Edition 12/21 replaces edition 10/18

These products are manufactured according to STO 65561488-058-2018

LUKOIL® UNIFLEX 150 TYPICAL PROPERTIES

Standard	Property	Unit	UNIFLEX 1-150	UNIFLEX 2-150	UNIFLEX 3-150
DIN 51502	Marking according to DIN 51502		K1K-30	K2K-30	K3K-30
ISO 6743-9	Marking according to ISO 6743-9		LXCCEA 1	LXCCEA 2	LXCCEA 3
	Appearance		Light yellow to dark yellow, homogeneous		
	Service temperature range	°C	-30 to +120	-30 to +120	-30 to +120
DIN 51818	NLGI grade		1	2	3
GOST 5346 A	Worked penetration (60 strokes)	mm/10	310–340	265–295	220–250
DIN 51562	Base oil viscosity @ 40 °C	mm ² /s	120–150	120–150	120–150
GOST 6793	Dropping point	°C	>140	>140	>140
GOST 9490	Four Ball Weld Load @ 25 °C	N	1744	1744	1744
		kg	178	178	178
GOST 9490	Four Ball Non-Seizure Load @ 25 °C	N	735	735	735
		kg	75	75	75
GOST 9490	Four Ball Wear Scar Diameter	mm	<0.6	<0.6	<0.6
GOST 9.080	Copper corrosion		Pass	Pass	Pass

HOW TO USE

These greases 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

These products don't contain any toxic ingredients. During storage, transportation, and application of these products, 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 the proper lubricating materials to meet your needs, and to get 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.