

LUKOIL® UNIFLEX 1-150; 2-150; 3-150

Multipurpose Anhydrous Calcium Greases

DESCRIPTION

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

LUKOIL® UNIFLEX 150 greases have good tribological features and can operate within a temperature range from -30 up to +120°C. Can be used as conservation greases.

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



<p>ADVANTAGES:</p> <ul style="list-style-type: none"> • Universal application • Good water resistance • Good anti-wear properties • Good pumping ability (NLGI 1, 2 classes) 	<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 1, 2 classes) 	<p>APPLICATION EXAMPLES:</p> <ul style="list-style-type: none"> • Widely used on bearings of the industrial equipment, passenger cars, agricultural machinery • Centralized lubrication systems in trucks, agricultural machinery, off-road vehicles, lumbering and construction machinery • Replaces Litol-24, Solidol greases

LUKOIL POLYFLEX UNIFLEX 1-150; 2-150; 3-150. 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
	Color, appearance		Yellow, homogenous		
	Service temperature range	°C	-30 ... +120	-30 ... +120	-30 ... +120
DIN 51818	NLGI consistency class		1	2	3
GOST 5346 a	Worked penetration (mixed, 60 double strokes)	mm/10	310-340	265-295	220-250
DIN 51562	Base oil viscosity at 40°C	mm ² /s	120-150	120-150	120-150
GOST 6793	Drop point	°C	>140	>140	>140
GOST 9490	Weld load (4-ball machine test) at 25°C	N	2067	2067	2067
GOST 9490	Scar load	N	750	750	750
GOST 9490	Wear scar diameter	mm	< 0,6	< 0,6	< 0,6
GOST 9490	Scar index		40	40	40
GOST 9.080	Corrosion protection on copper strip		pass	pass	pass
DIN 51807 b	Water washout		1-80	1-80	1-80

*DIN: Deutsche Industrie Norm

GOST: Russian State Standard.

HOW TO USE

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