

Bearings are reliable-longlife machine elements. The most common reason of disfunction is the insufficient or unproper greasing of the ball bearings. The secure and proper flow of grease is extremely important for their, and other machine elements functionality.

Greases are used where a check characteristics due to be lubricated is only frequently and where the viscosity drops to

Grease used for axles are composed of a compound of fatty oils to which tar, graphite, or mica is added



Greases from FAG, Germany **FAG**

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Name	Operating Temperature	Technical specification
Thickener		
Base oil		
Base oil viscosity at 40 °C mm2/s		
MULTI2	-30...+140	
Universal greasefor ball bearings		
ØD ≤ 62 mm in		
small electric motors, agricultural and construction machines, household appliances		
Lithium soap		
Mineral oil		
100		
MULTI3	-30...+140	
Universal grease for ball bearings		
ØD > 62 mm		
in large electric motors, agricultural and construction machines,blowers		
Lithium soap		

## Greases

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Mineral oil
80

MULTITOP	-40...+150
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Universal grease for ball and roller bearings in rolling mills, construction, machines, motor vehicles, spinning and grinding spindles at increased speeds, high loads, low and high temperatures

Lithium
soap
with EP additives
Mineral oil+ester
85

LOAD220	-20...+140	Special grease for ball and roller bearings in rolling mills, rail vehicles at high loads, large speed range, high degree of humidity
Lithium/		
calcium soap		
with EP additives		
Mineral oil		
ISO VG		
220		

LOAD400	-25...+140	Special grease for ball and roller bearings in mining machines, construction machines at extreme loads, medium temperature medium speeds
Lithium/		
calcium soap		
with EP additives		
Mineral oil		
400		

LOAD1000	-20...+140	Special grease for ball and roller bearings in mining machines, construction machines, preferably for shock loads and large bearings
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## Greases

at extreme loads, medium temperatures, low speeds

Lithium/ calcium soap with EP additives
Mineral oil
ISO VG
1000

roller bearings in couplings, electric motors, motor vehicles at high temperatures, high loads

TEMP90	-40...+160	Special grease for ball and
Calcium polyurea w EP additive		
PAO oil		
130		

roller bearings in electric machines, or vehicles at high temperatures, high speeds

TEMP110	от -40 до 160 градуса	Special grease for ball and
Lithium complex soap Ester oil		
ISO VG		
150		

roller bearing in track rollers in baking machines, piston pins in compressors, kiln trucks, chem. plants at extremely high temp., chemically aggressive environments

TEMP200	-40...+260	Special grease for ball and
PTFE Fluor. poly. oil		
400		

in machine tools, instruments at extremely high speeds, low temperatures

SPEED2.6	-50...+120	Special grease for ball bearings
Polyurea		

## Greases

PAO/ester oil
ISO VG
22

FOOD2	-30...+120	Special grease for ball and roller bearings in applications with food contact
complex soap	Aluminium	
White oil		
192		

## Greases from Stealit, Bulgaria



Name	Operating Temperature	Technical specification
Thickener	°C	
Base oil		

Base oil viscosity at 40°C in mm<sup>2</sup>/s and retail package

Litol 24 Universal grease for ball bearings. Recommended for normal loads, and general purpose	25...+120	
110202-800g		
110203-3kg		
110204-9.5kg		
Calcium		
K-2	-20...+60	

ended for low and normal loads, low speeds, regular

## Greases

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anti friction grease for medium  
temperatures and loads

calcium soap, Mineral oil

32 - 46	110205-400g
110206-800g	
110207-3kg	
110208-9.5kg	

Graphite K-2Г	-20...+60
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ded for low and normal loads, high and low speeds,  
for greasing overload details  
in normal temperatures.

calcium soap, Mineral oil,

46	110209-400g
110210-800g	
110211-3kg	
110212-9.5kg	

Litel EP2,EP3	-30...+130
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normal loads, high speeds, for bearings and details working  
in high rotating speeds and heavy loads.

Lithium soap, Mineral oil, 150	110213-3kg EP2
110214-9.5kg EP2	
110215-3kg EP3	
110216-9.5kg EP3	
Litel U-3	-30...+120

heavy loads and high speeds for all kind of bearings and hinges  
into the vehicle.

Lithium soap, Mineral oil, 90	110217-400g
110218-800g	
110219-3kg	
110220-9.5kg	
Litel MS	-25...+120

ed for normal and heavy loads, good for high speeds

## Greases

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nd joints for long-term use in heavy loads and usage.

Lithium	
eral oil with добавка with molybdenite 110211-300g	110211-300g
Litel U-00	-20...+120

heavy loads, good for central greasing of heavy trucks.

Lithium	
soap,	
Mineral oil, 220	110222-3kg
110291-9.5kg	