

# GRAPHITE GREASE

General purpose grease

## **DESCRIPTION**

GRAPHITE GREASE is a general purpose calcium grease, made on the basis of a mixture of high-quality mineral oils thickened with calcium soap with the addition of graphite as a filler to improve performance. It is produced at one of the most modern industrial facilities in Russia, using high-quality raw materials.

GRAPHITE GREASE is used to lubricate sliding friction units of heavily loaded low-speed mechanisms (jacks, springs, suspensions of tractors and machines, open gear drives, threaded connections, etc.) operating at temperatures from  $-20\text{ }^{\circ}\text{C}$  to  $+70\text{ }^{\circ}\text{C}$ .



<p><b><u>ADVANTAGES:</u></b></p> <ul style="list-style-type: none"> <li>• Excellent adhesion properties</li> <li>• Good anti-corrosion and protective properties</li> <li>• High antiwear and extreme pressure characteristics</li> </ul>	<p><b><u>COMPOSITION:</u></b></p> <ul style="list-style-type: none"> <li>• A mixture of highly refined mineral oils</li> <li>• Calcium soap</li> <li>• Filler (graphite)</li> </ul>
<p><b><u>APPLICATION IN UNITS:</u></b></p> <ul style="list-style-type: none"> <li>• Sliding friction units</li> </ul>	<p><b><u>APPLICATION EXAMPLES:</u></b></p> <ul style="list-style-type: none"> <li>• Sliding friction units of heavily loaded low-speed mechanisms (jacks, springs, suspensions of tractors and machines, open gears, thread connections, etc.)</li> </ul>

GRAPHITE GREASE. Edition 12/21, replaces all previously published edition

This product is manufactured according to **GOST 3333-80**

### **GRAPHITE GREASE TYPICAL PROPERTIES**

Standard	Property	Unit	Value
	Appearance		Homogeneous ointment from dark brown to black
GOST 6793	Dropping point, min	°C	77
GOST 5346 V	Worked penetration @ 25 °C (60 strokes)	mm/10	250
GOST 9.080	Corrosion effect on metals: steel 40, 45, 50		Pass
GOST 7142	Oil separation, max	%	5
GOST 2477	Water content, max	%	3
GOST 7143 B	Ultimate strength @ 50 °C, min	Pa	100
GOST 7163	Viscosity @ 0 °C and an average gradient of deformation rate of 10 s <sup>-1</sup> , max	Pa·s	100

### **HOW TO USE**

This grease can be applied manually with a brush or spatula.

### **USABLE LIFE AND STORAGE**

The guaranteed shelf life is 60 months from the date of manufacture in the manufacturer's container, subject to the conditions of transportation and storage.

### **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 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](mailto: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.