

SGS GRAPHITE GREASE

Special purpose grease

DESCRIPTION

SGS special purpose greases are represented by two grades. Depending on the conditions of use, two grades are installed: SGS-O (the main composition) and SGS-D (an additional composition). SGS-O grease is an alloy of inden-coumaric or styrene-indene resin with graphite, and SGS-D grease is made by dissolving coumaric or styrene-indene resin in a solvent, followed by the introduction of graphite.

GRAPHITE GREASES SGS-O and SGS-D are used to cover slide plate pantograph of electric rolling stock equipped with metal current-collecting plates in order to reduce wear of plates and contact wire. Greases can be used as all-season in all climatic zones.

GRAPHITE GREASE SGS-O is used to fill the groove space between current collecting plates. Filling is done with heated grease, then grease cools and hardens.

GRAPHITE GREASE SGS-D is used to restore the graphitization of current collector plates and to seal potholes, cracks and other defects that form in the SGS-O lubricant layer in operation. The lubricant hardens as the solvent volatilizes and eliminates defects in the base compound layer.



<p>ADVANTAGES:</p> <ul style="list-style-type: none"> • Good cold and heat resistance allows the use of lubricants all year round in all climatic zones • Excellent anti-wear properties • Prevent the penetration of aggressive liquids and gases, as well as abrasive particles, to the friction surfaces 	<p>COMPOSITION:</p> <p>SGS-O:</p> <ul style="list-style-type: none"> • Indene-cumar or styrene-indene resins • Graphite <p>SGS-D:</p> <ul style="list-style-type: none"> • Coumaric or styrene-indene resins • Solvent • Graphite
<p>APPLICATION IN UNITS:</p> <ul style="list-style-type: none"> • Current-collecting plates 	<p>APPLICATION EXAMPLES:</p> <ul style="list-style-type: none"> • For covering pantograph slide plate of electric rolling stock

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

These products are manufactured according to TU 32 TsT 554-84

SGS GRAPHITE GREASES TYPICAL PROPERTIES

Property	Unit	Value	
		SGS-O	SGS-D
Appearance		Dark grey solid	Dark brown viscous liquid
Weight percentage of graphite	%	61–65	28–32

HOW TO USE

These greases can be applied manually with a brush or spatula.

USABLE LIFE AND STORAGE

Guaranteed shelf life of SGS-O grease is 60 months, SGS-D grease is 24 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.