

# SGS GRAPHITE GREASE

## Special Purpose Grease

### PRODUCT DESCRIPTION

**The SGO-O and SGS-D graphite greases** are used for coating pantograph pans of electrical rolling stock equipped with metal current-collecting plates to reduce the wear of the plates and contact wire.

Depending on the application conditions, the following grease grades are offered:

**SGS-O GRAPHITE grease** – basic compound;  
**SGS-D GRAPHITE grease** – additional compound.

**The SGS-O and SGS-D GRAPHITE greases** are produced from graphite bonded with coal or pyrolytic tar. **SGS-D** contains a solvent additive. They are produced from high-quality materials at one of the most up-to-date production facilities in the CIS.

### APPLICATION

**The SGS-O and SGS-D GRAPHITE greases** are used for coating pantograph pans of electrical rolling stock equipped with metal current-collecting plates to reduce the wear of the plates and contact wire. The greases can operate all year round in all climatic areas.

**The SGS-O GRAPHITE grease** is used for filling the gap space between the current-collecting plates. Filling is performed with heated lubricating grease, which then hardens during cooling.

**The SGS-D GRAPHITE grease** is used for graphitization recovery of the current-collecting plates and for filling dents, cracks and other defects emerging in the SGS-O layer during operation. The grease hardens as the solvent evaporates and eliminates the defects of the basic compound layer.

### BENEFITS

- Wide operating range of the greases, their good frost and heat resistant properties allow them to be used all year round in all climatic zones;
- Excellent anti-wear properties of the greases extend the service life of the devices and equipment significantly;
- The greases are effective in protecting friction surfaces from tear, jamming and welding;
- The greases prevent penetration of aggressive liquids and gases, as well as abrasive particles, to the friction surfaces.

**The product is manufactured in accordance with TU 32 TsT 554-84.**

### STANDARD CHARACTERISTICS

PROPERTY	SGS-O	SGS-D
Color	Dark grey	Dark brown
Structure	Solid product	Adhesive liquid
Weight percentage of graphite, %, within	61–65	28–32

The standard product characteristics are average values and do not constitute the manufacturer's specification. They can be subject to change in accordance with the requirements of INTESMO, LLC. Please contact the technical support team for any question related to the application and replacement of grease products manufactured by INTESMO, LLC.