

# PGK-1

## Lubricating grease for driver's brake valves

### PRODUCT DESCRIPTION

**PKG-1** is a grease designed for mitigating the wear of friction surfaces and extending the service life of machine parts and mechanisms. The grease prevents scratching, jamming and sticking of friction surfaces and stops corrosive liquids, gases and vapors, as well as abrasive particles, penetrating to the surface.

The **PKG-1** lubricating grease for driver's brake valves has an operating temperature range of minus 50 °C to plus 100 °C at a wet air pressure of up to 0.9 MPa.

The **PKG-1** lubricating grease for driver's brake valves is manufactured from a mixture of petroleum oils thickened with fatty acid lithium soaps with addition of adhesive and antifriction additives. It is produced from high-quality raw materials at new and one of the most up-to-date facilities in the CIS.

### APPLICATION

The **PKG-1** lubricating grease for driver's brake valves is designed for greasing driver's brake valves and cut-out cocks of diesel locomotives, electromotives and multiple units.

### BENEFITS

- The grease prevents wear, scratching, jamming, sticking and welding of contacting metal surfaces.
- The grease is effective in preventing corrosive liquids and gases, as well as abrasive particles (dust, dirt, etc.), from penetrating to friction surfaces.
- Due to its high protective properties, the grease securely protects contacting metal surfaces from corrosion.
- Due to its high adhesive ability, the grease forms a strong film on the contact surfaces, which increases the service life of the greased parts.
- The grease can operate within a wide temperature range (from minus 50 °C to plus 100 °C at a wet air pressure of up to 0.9 MPa).

The product is manufactured as per TU 3185-003-01055954-02

### STANDARD CHARACTERISTICS

PROPERTY	LUKOIL PGK-1
NLGI consistency	1-2
Color	Black
Type of soap	Li
Type of base oil	Petroleum
Structure	Homogeneous, smooth
Penetration at 25 °C with stirring 60 double strokes, 0.1 mm, within	280-350
Corrosive effect on metals	Resistant
Dropping point, °C	160
Water content	None
Effective viscosity at -30 °C and average gradient of strain rate of 10 s <sup>-1</sup> , Pa·s, or more	1500

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.