

ZhTKZ-65

Railway grease

APPROVALS

Russian Railways, OJSC

PRODUCT DESCRIPTION

The **ZhTKZ-65** brake grease is used for lubricating braking equipment and units of locomotives, diesel locomotives and motor car railway rolling stock operating with low shear force.

The application temperature range of the **ZhTKZ-65** is from minus 60 °C to plus 110 °C.

The **ZhTKZ-65** brake grease is produced from petroleum oil thickened with lithium soaps of castor oil and stearic acid with addition of an antioxidant additive. It is produced from high-quality raw materials at new and one of the most up-to-date industrial facilities in the CIS.

APPLICATION

The **ZhTKZ-65** grease is designed for lubricating

braking equipment and units of locomotives, diesel-multiple unit trains and motor car railway rolling stock operating with low shear force.

BENEFITS

- Good anticorrosive and protective properties of the grease lead to a considerably longer service life of equipment.
- Due to its high antioxidant, colloidal and thermal stability, the grease can operate effectively even in extreme conditions.
- Wide operating temperature range of the grease allows it to be used in any climatic zone.
- High metal adhesion allows reducing grease re-fill intervals.

The product is manufactured as per TU 0254-004-01055954-02.

STANDARD CHARACTERISTICS

PROPERTY	ZhTKZ-65
NLGI consistency	2–3
Color	From light yellow to brown
Type of soap	Li
Type of base oil	Mineral
Structure	Homogeneous
Weight percentage of free alkali expressed in terms of NaOH, %, or less	0.3
Dropping point, °C, or more	120
Penetration at 25 °C with stirring 60 double strokes, 10 ⁻¹ mm, within	230–300
Corrosive effect on metals	Resistant
Weight percentage of water, %, or less	Traces
Viscosity at minus 50 °C and average gradient of strain rate of 10 sec ⁻¹ , Pa·sec, or less	1500
Colloidal stability, % of separated oil, or less	40
Weight percentage of mechanical impurities, %, or less	None

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.