

Fatty cup grease

General-purpose grease

PRODUCT DESCRIPTION

The **fatty cup grease** is an antifriction all-purpose grease designed for greasing units of industrial and construction equipment, as well as vehicles operating under medium and high loads. The grease can operate at temperatures ranging from minus 25°C to plus 65°C.

The **fatty cup grease** is obtained by thickening a mixture of high-quality petroleum oils with calcium soap of hydrated fatty acids contained in natural fats (cotton oil, hydrogenated fat, etc.). It is produced at one of the most up-to-date industrial facilities in Russia, using high-quality raw materials.

APPLICATION

The **fatty cup grease** is recommended as a

The product is manufactured as per GOST 1033-79.

multipurpose grease to be applied in industrial, automotive, construction, agricultural and other machinery. It is recommended for greasing sliding and rolling friction bearings of different machines. In sufficiently powerful units (bearings, pivot joints, blocks, etc.), the grease can operate at a temperature of down to minus 50°C. It provides good protection of metal surfaces from corrosion.

BENEFITS

- Excellent protection of greased parts from corrosion in high humidity.
- Good water resistance.
- Good viscosity-temperature characteristics.
- No thickening during storage.

STANDARD CHARACTERISTICS

PROPERTY	FATTY CUP GREASE
NLGI consistency	2-3
Appearance	Homogeneous paste
Color	From light yellow to dark brown
Type of soap	Ca
Type of base oil	mineral
Structure	Smooth, without lumps
Effective viscosity at 0°C and an average gradient of deformation rate of 10 s ⁻¹ , Pa·s (P), max.	250 (2500)
Melting point, °C, min.	78
Penetration at 25 °C after mixing, 0.1 mm	230-290
Shear strength at 50 °C, Pa (gs/cm ²), min.	196 (2.0)
Mass fraction of free alkali expressed in terms of NaOH, %, max.	0.2
Content of mechanical admixtures	none
Water content by mass, %, max	2.5
Mass fraction of calcium soaps of fatty acids contained in natural fats, %, min.	11.0
Content of free organic acids	none
Operating temperature range, °C	-25 ... +65

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.